



MDOT Statewide Outfall Points

University Region

Under the NPDES Phase II Permit, MDOT is required to develop maps identifying the locations of their known outfalls. To complete these maps, MDOT is using two methodologies to locate outfalls: 1) MDOT is using existing survey data to estimate outfall locations, 2) MDOT is using their Illicit Discharge Elimination Program investigations to estimate outfall locations. These two methodologies are distinguished on the maps.

In addition to satisfying permit requirements, the outfall data are being used by the asset management division. These maps will be updated on an annual basis.

The maps in this file are organized by county and are linked to a Region Index Map on the following page. By clicking on a county on the Region Index Map, you will be forwarded to another index map. This index map will forward you to a map of outfall locations by clicking in the red squares. To return to the previous index map, click on the reference map at the bottom right hand corner of the page.

Legend:



U.S. Routes



U.S. Routes (Business Routes)



Interstate Routes



Interstate Routes (Business Loops)






State Roads



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MDOT Statewide Outfall Points County Index Map

Legend

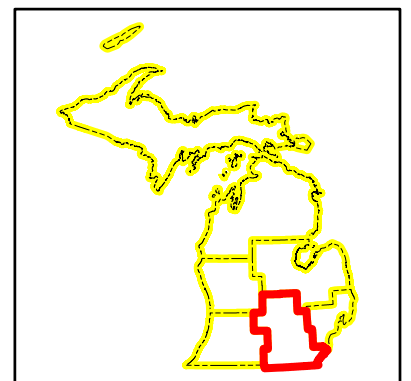
-  Click to display county maps
-  County Lines
-  MDOT Regions



0 4.5 9 18
Miles



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Bay Region Gratiot County

Clinton County
University Region

Map 1

Laingsburg

Dewitt

Eaton County Grand Ledge

Lansing

East Lansing

MDOT Statewide Outfall Points

University Region, Clinton County
Index

Legend

- ★ Estimated Outfalls (design-survey)
- ⬠ Investigated Outfalls
- Trunkline
- City
- County Lines
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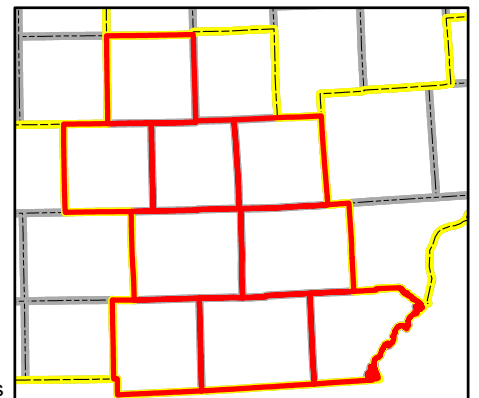


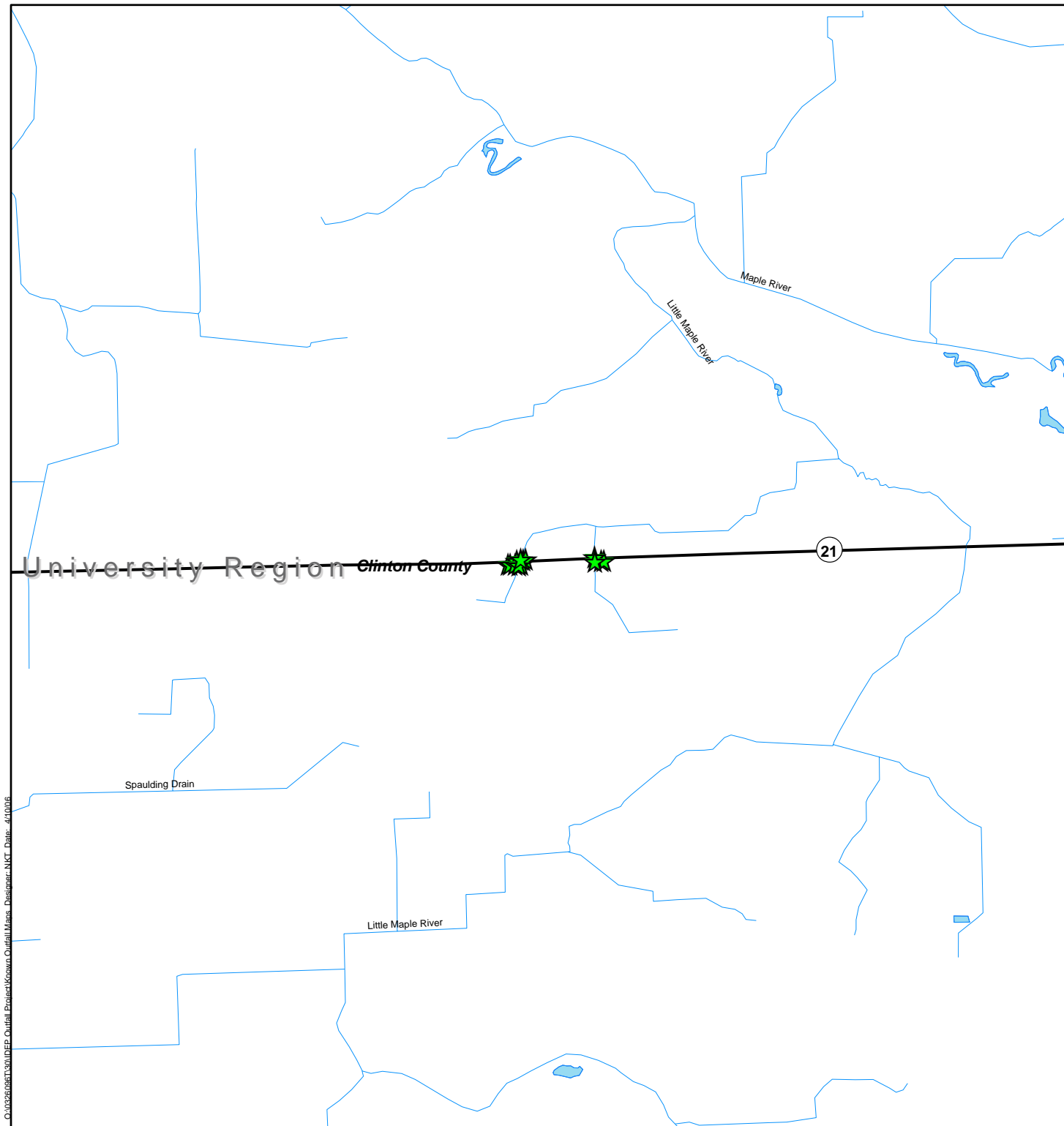
Note:
Estimated Outfalls are outfall locations
estimated from design survey data.
Investigated Outfalls are outfalls
located by field investigation.



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Legend

Estimated Outfalls (design-survey)

Investigated Outfalls

Waterbodies

Trunkline

City

County Lines

MDOT Regions



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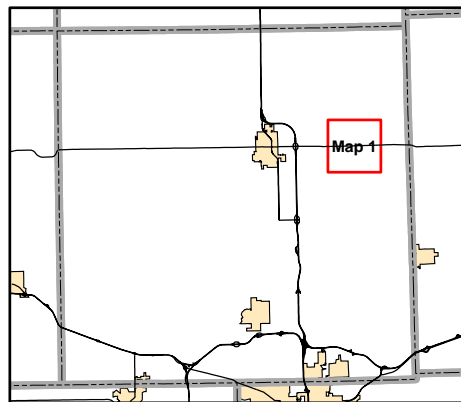
MDOT Statewide Outfall Points

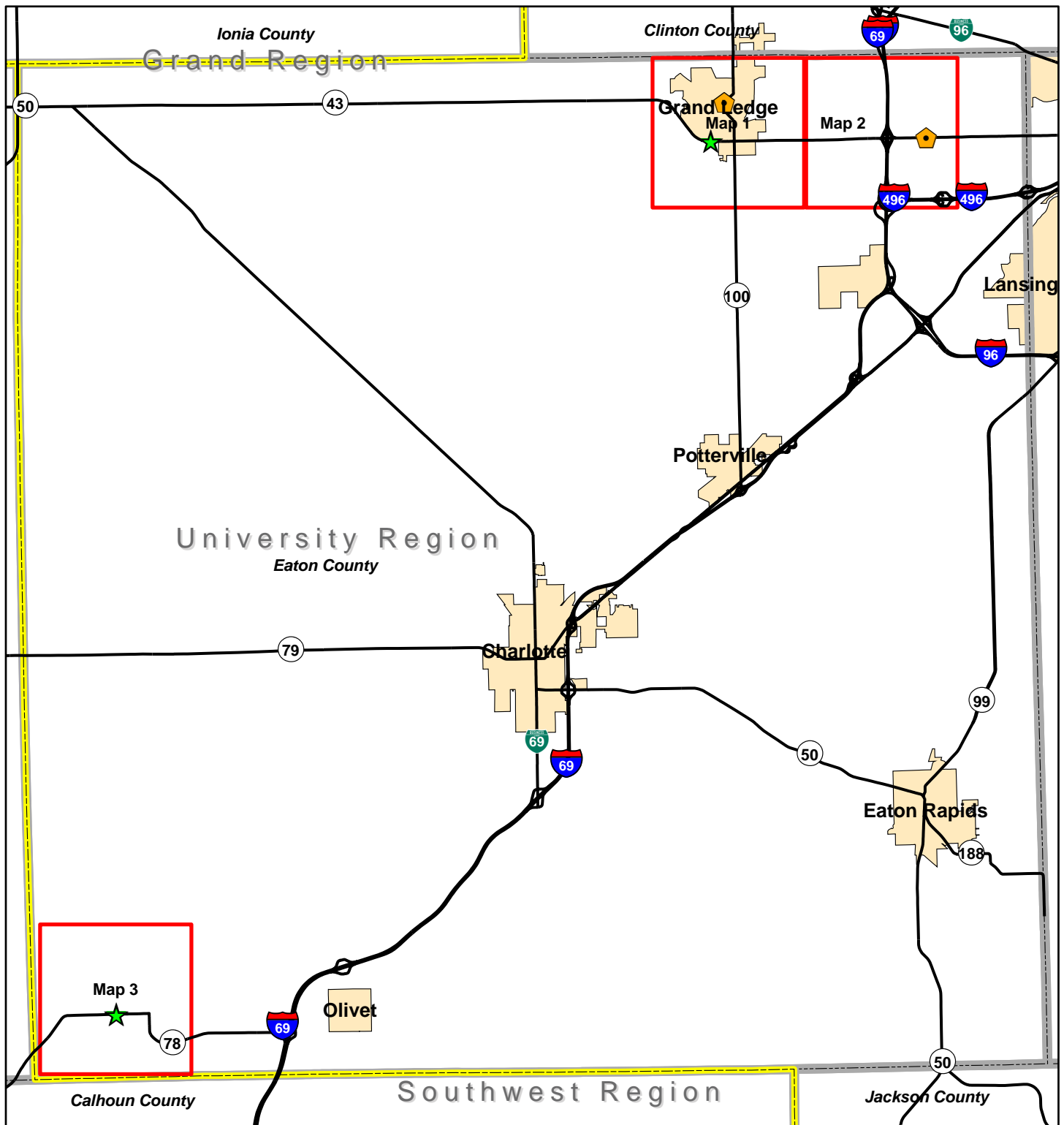
University Region, Clinton County

Map 1









0 0.125 0.25 0.5 Miles





Legend

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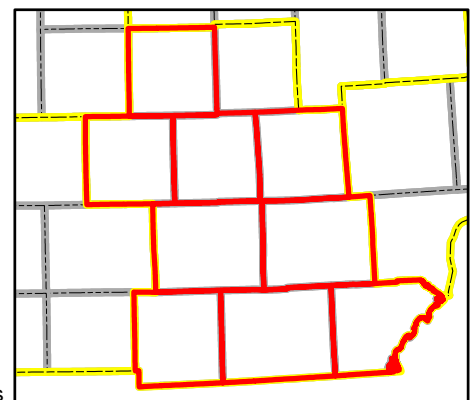
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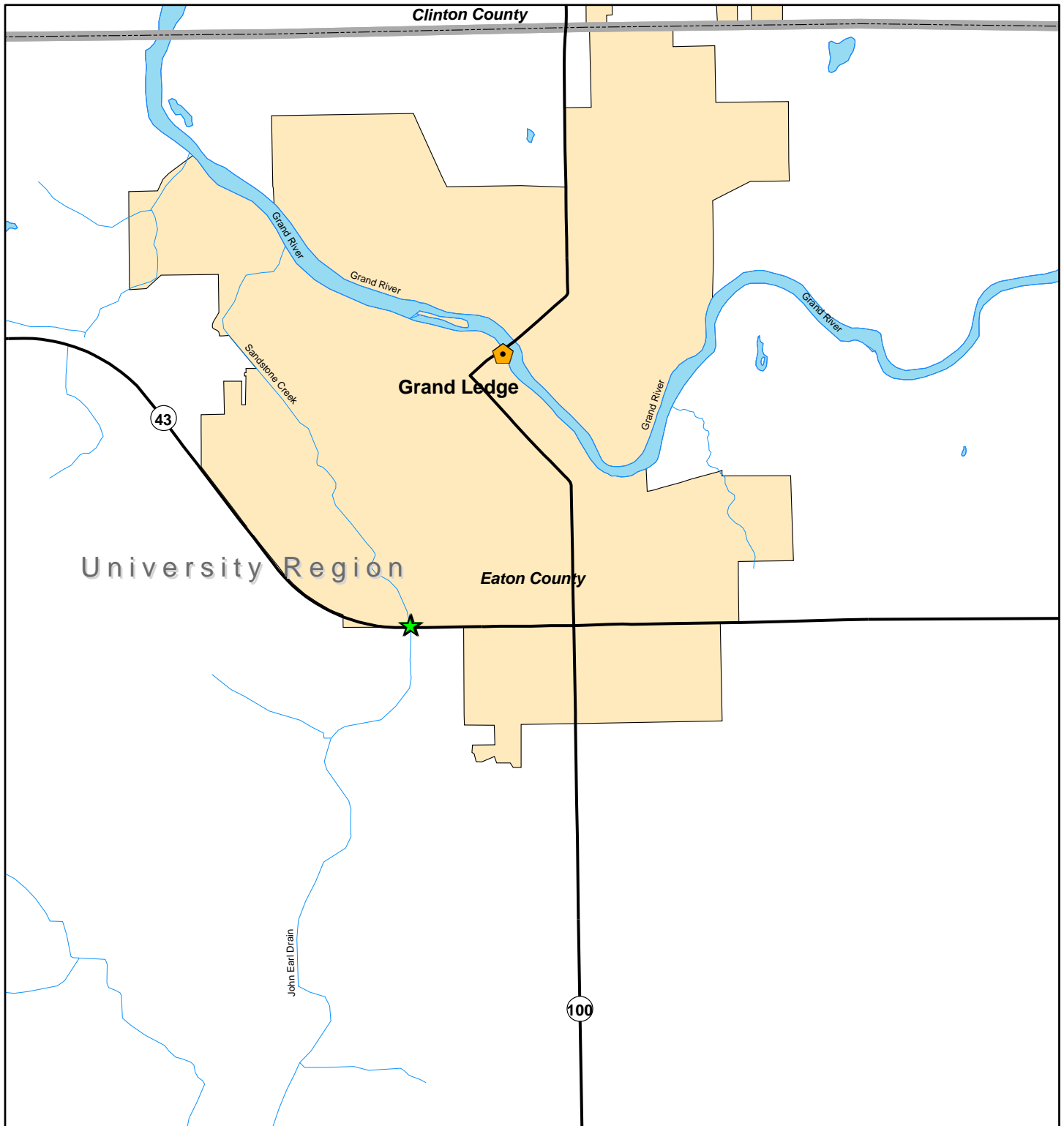
University Region, Eaton County
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


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 Miles





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MDOT Statewide Outfall Points

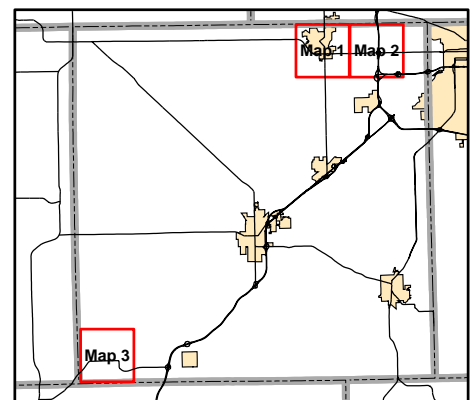
University Region, Eaton County
Map 1

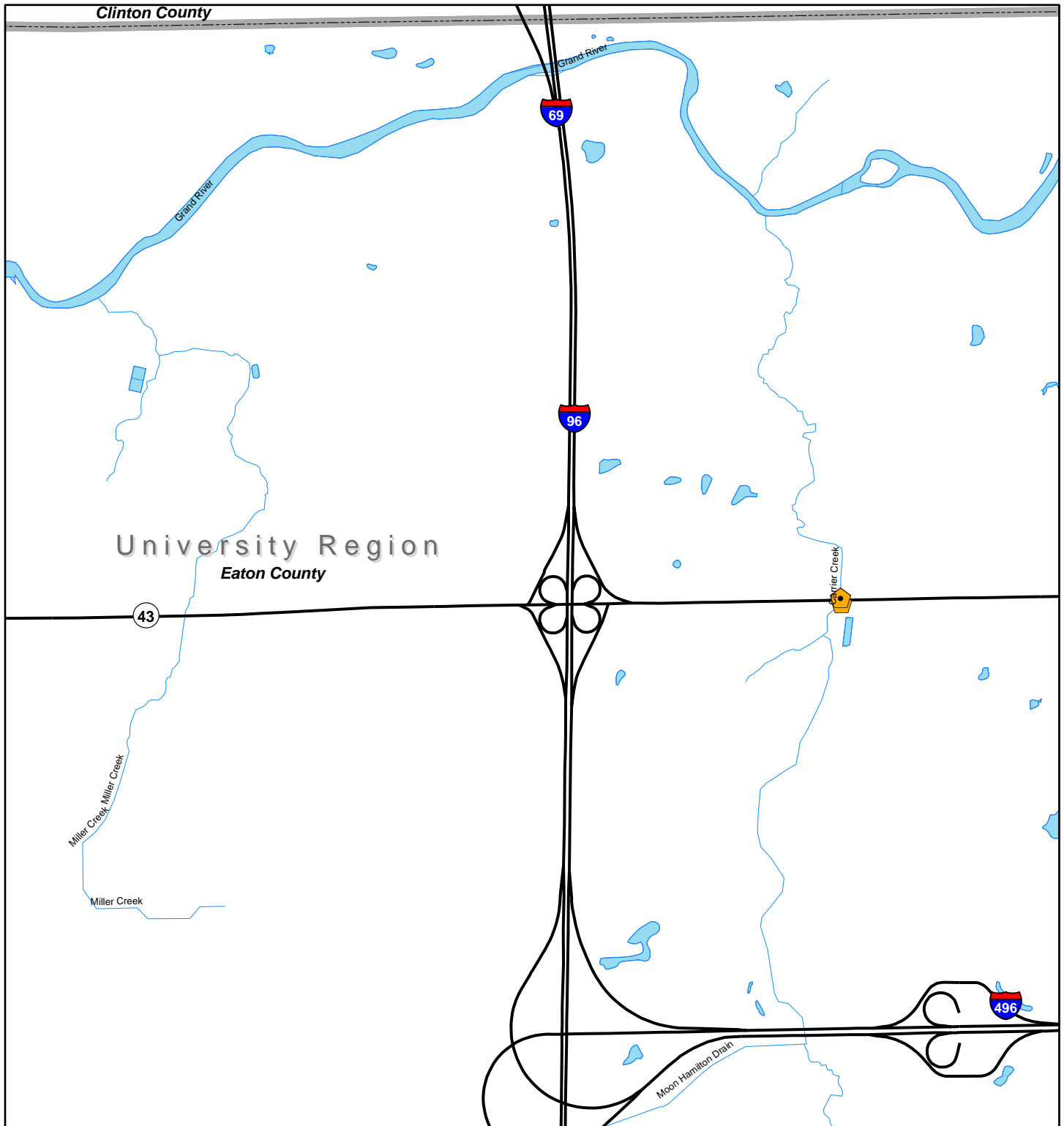


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


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0 0.15 0.3 0.6
Miles





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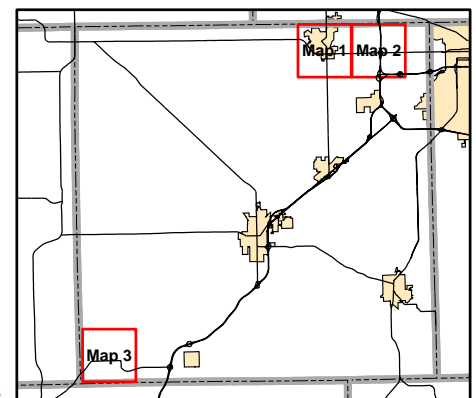
MDOT Statewide Outfall Points

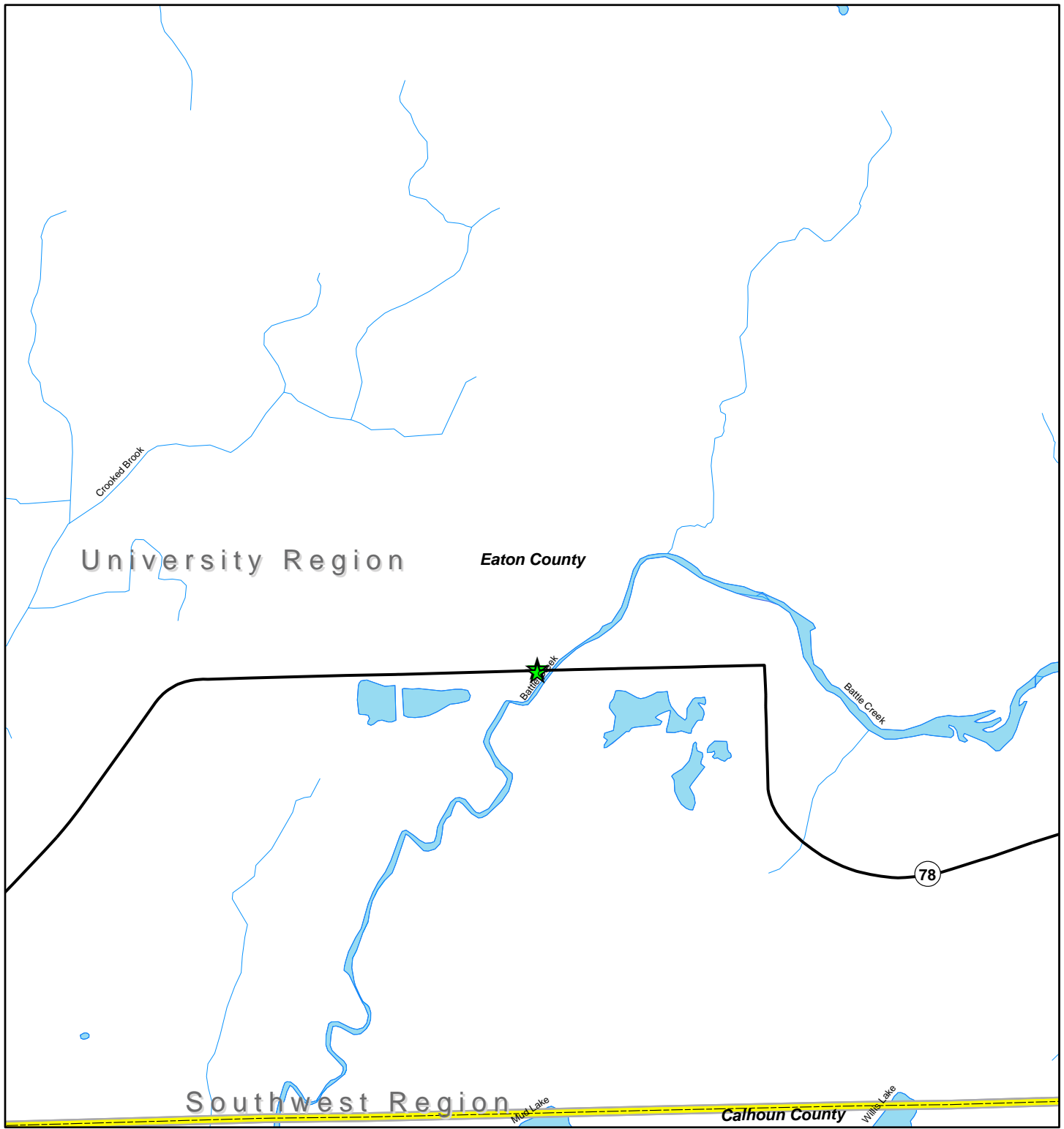
University Region, Eaton County Map 2



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0 0.15 0.3 0.6
 Miles





Legend

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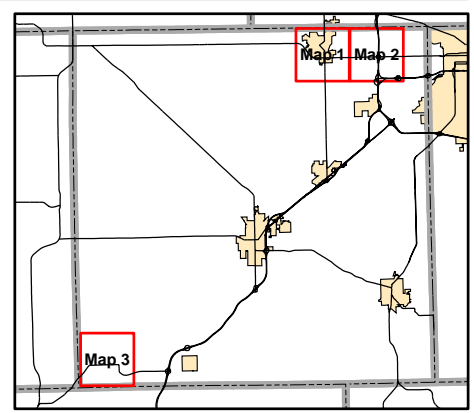
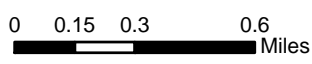


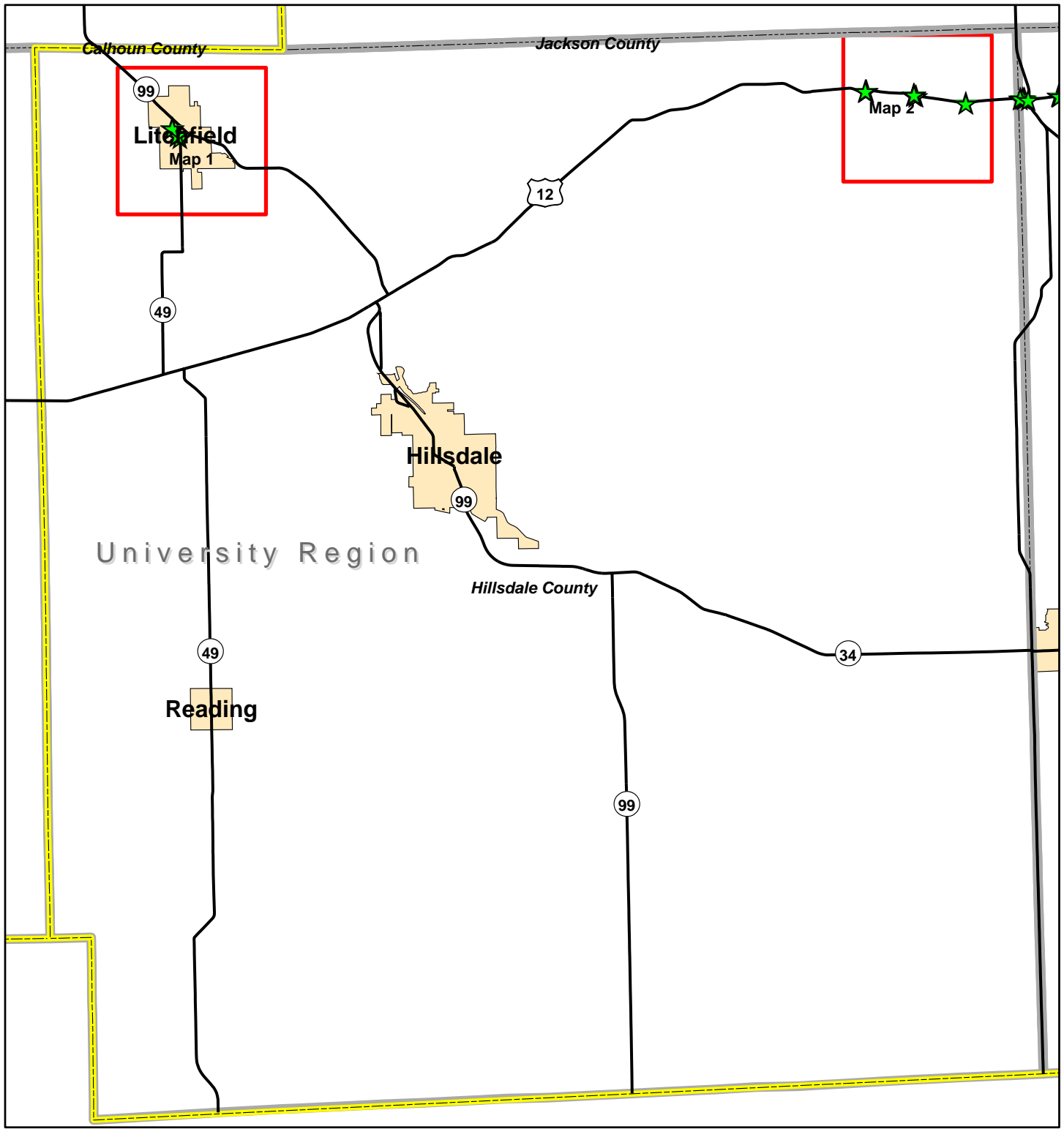
MDOT Statewide Outfall Points

University Region, Eaton County
Map 3



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Legend

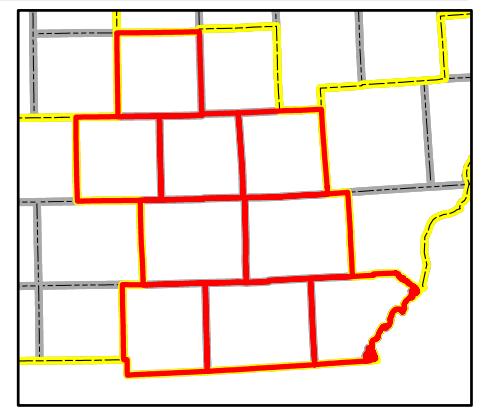
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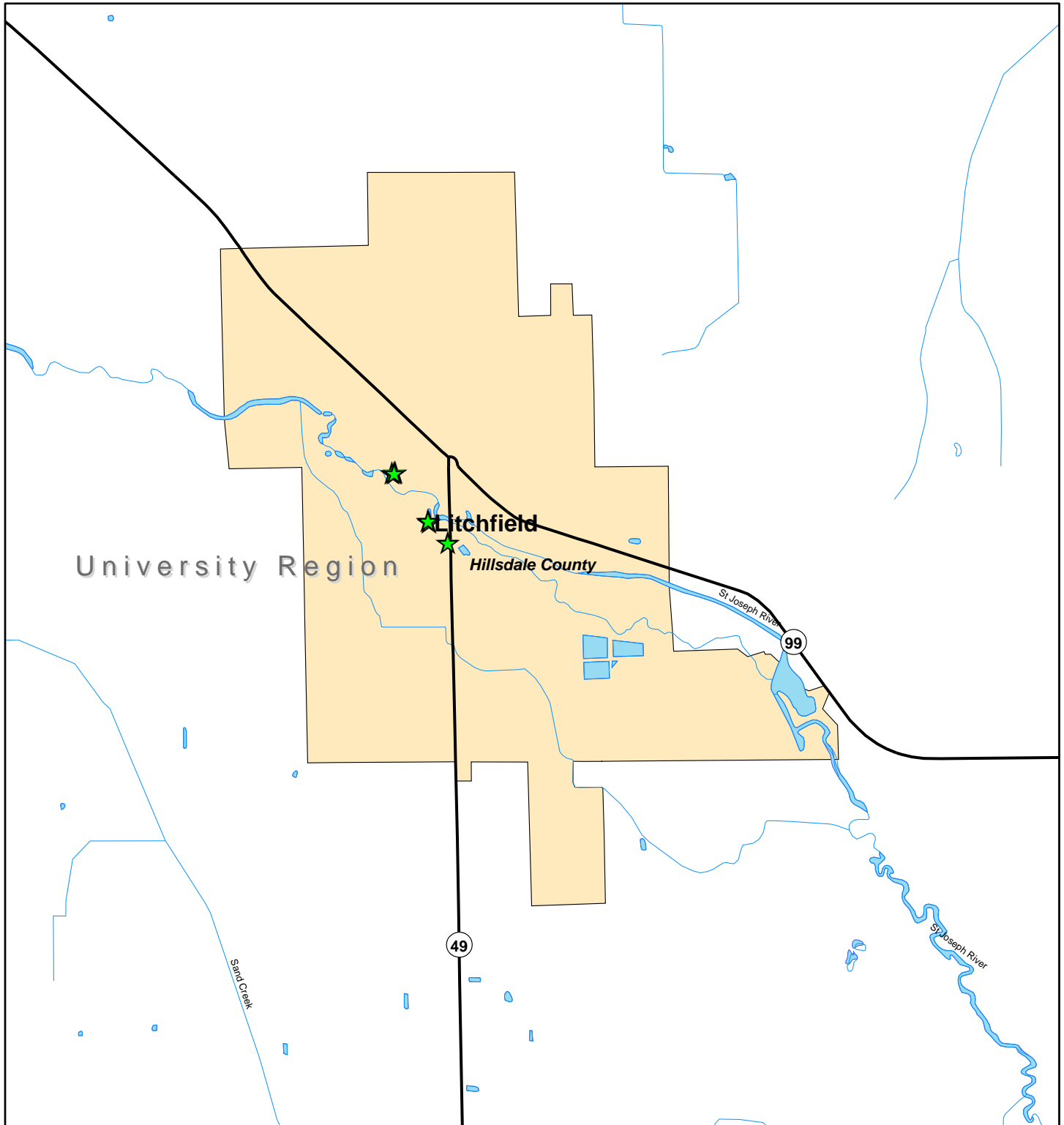


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Miles





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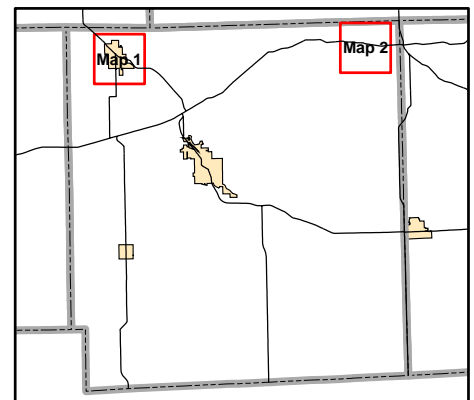
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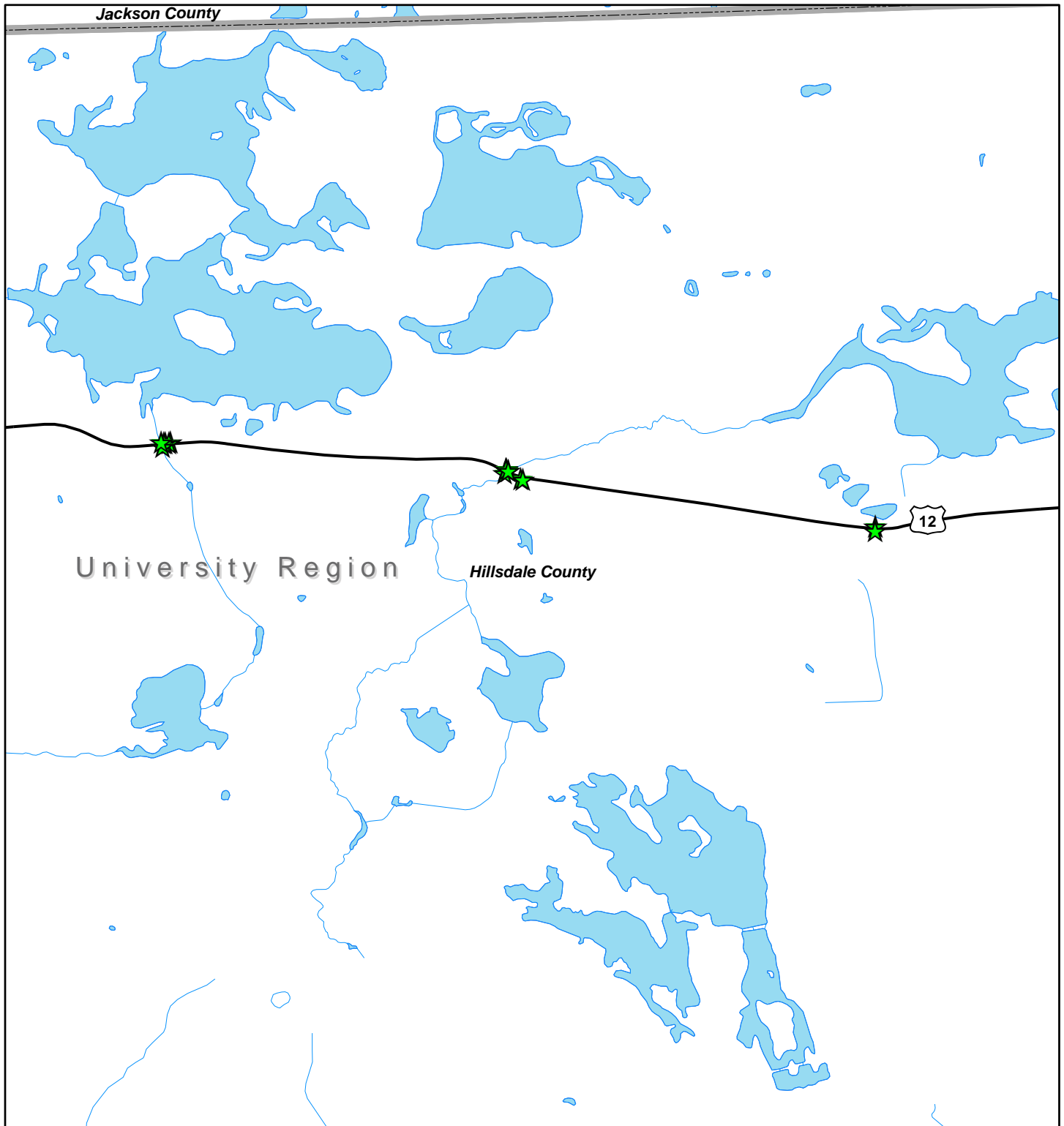


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


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Miles





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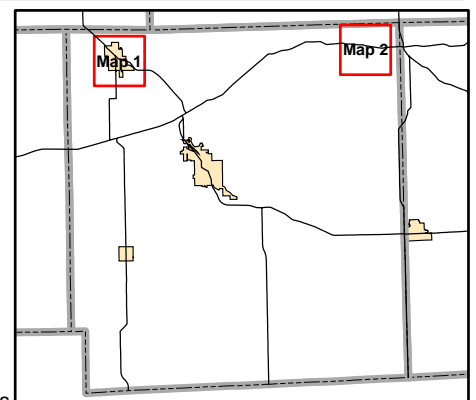
MDOT Statewide Outfall Points

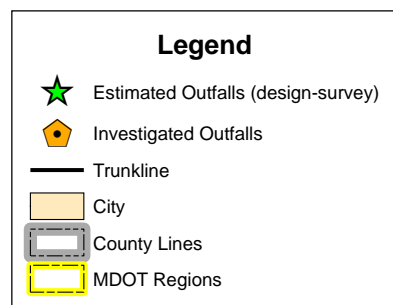
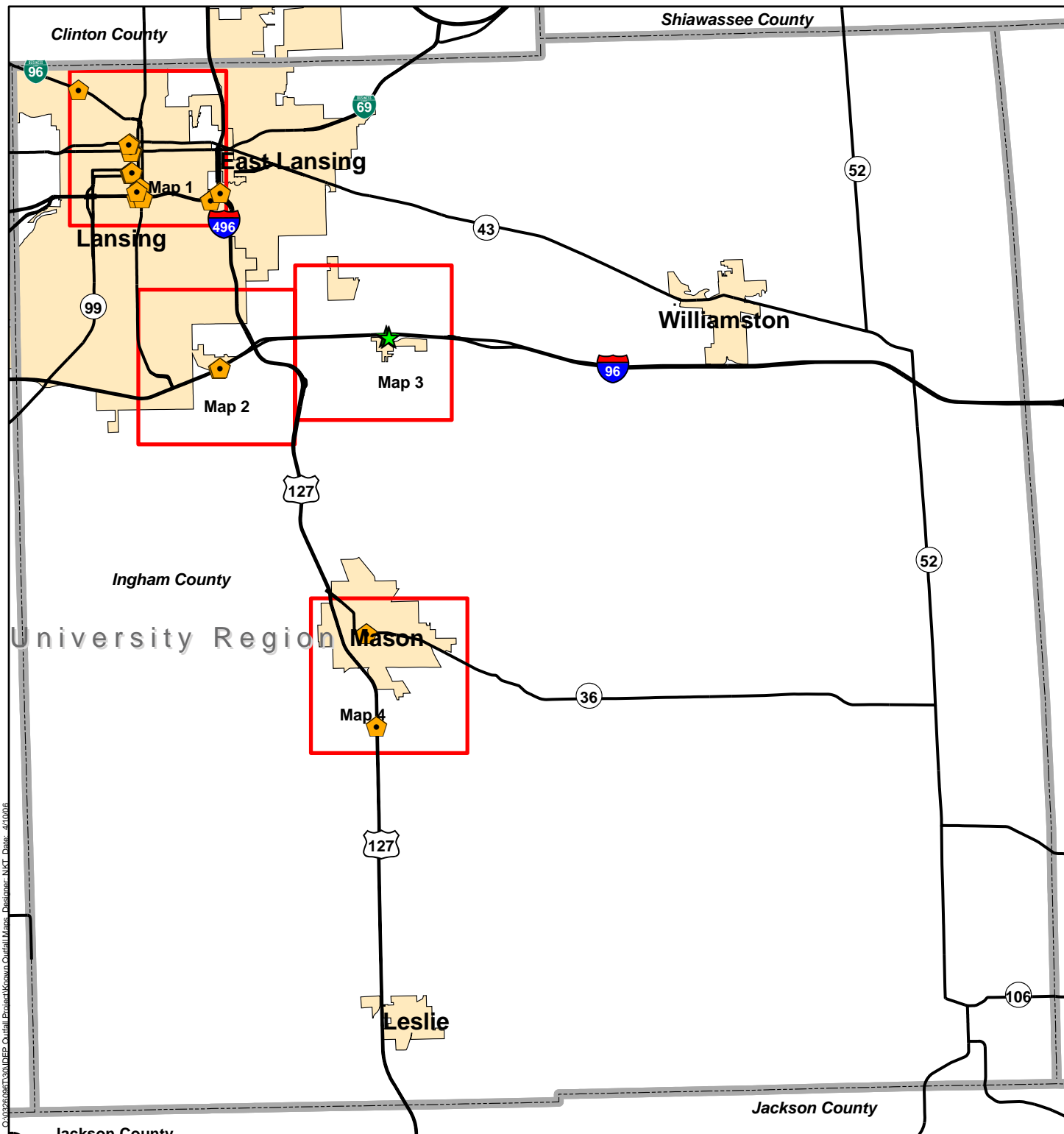
University Region, Hillsdale County
Map 2



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Miles





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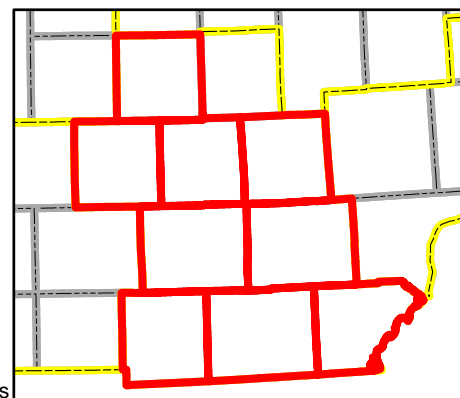
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0 1 2 4 Miles





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Investigated Outfalls

Waterbodies

Trunkline

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MDOT Statewide
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Map 1

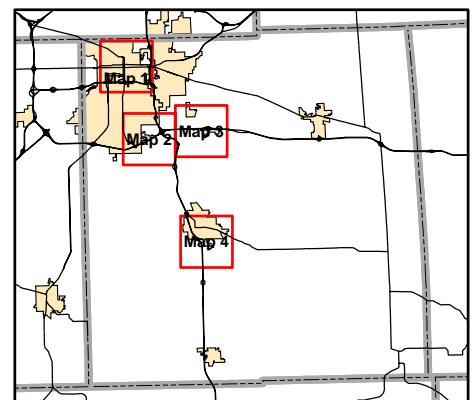
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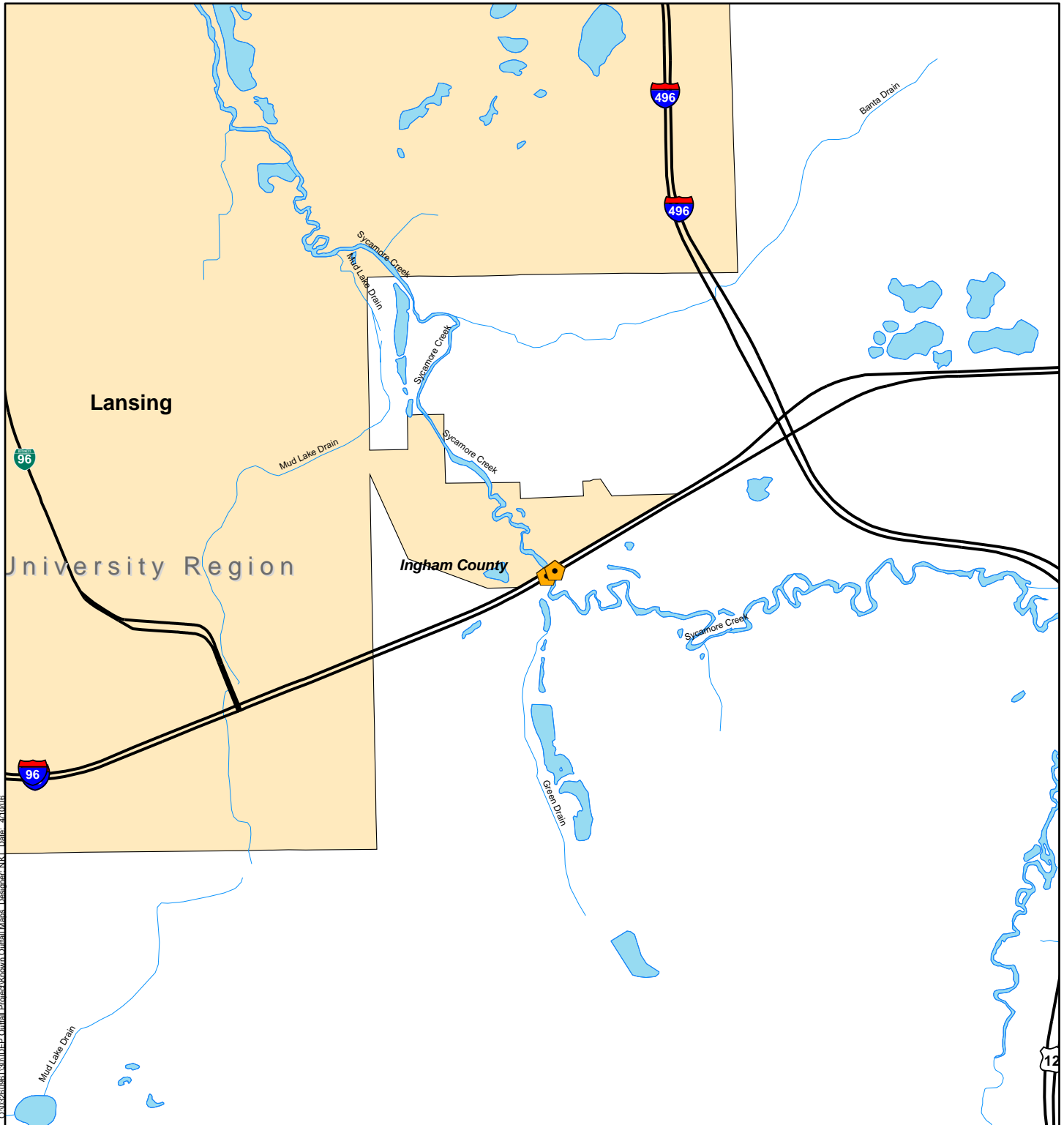
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Miles





Legend

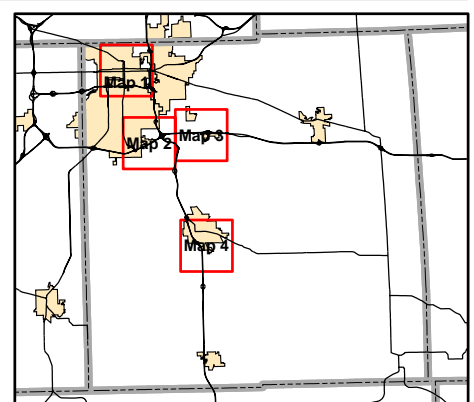
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MDOT Statewide Outfall Points
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Map 2

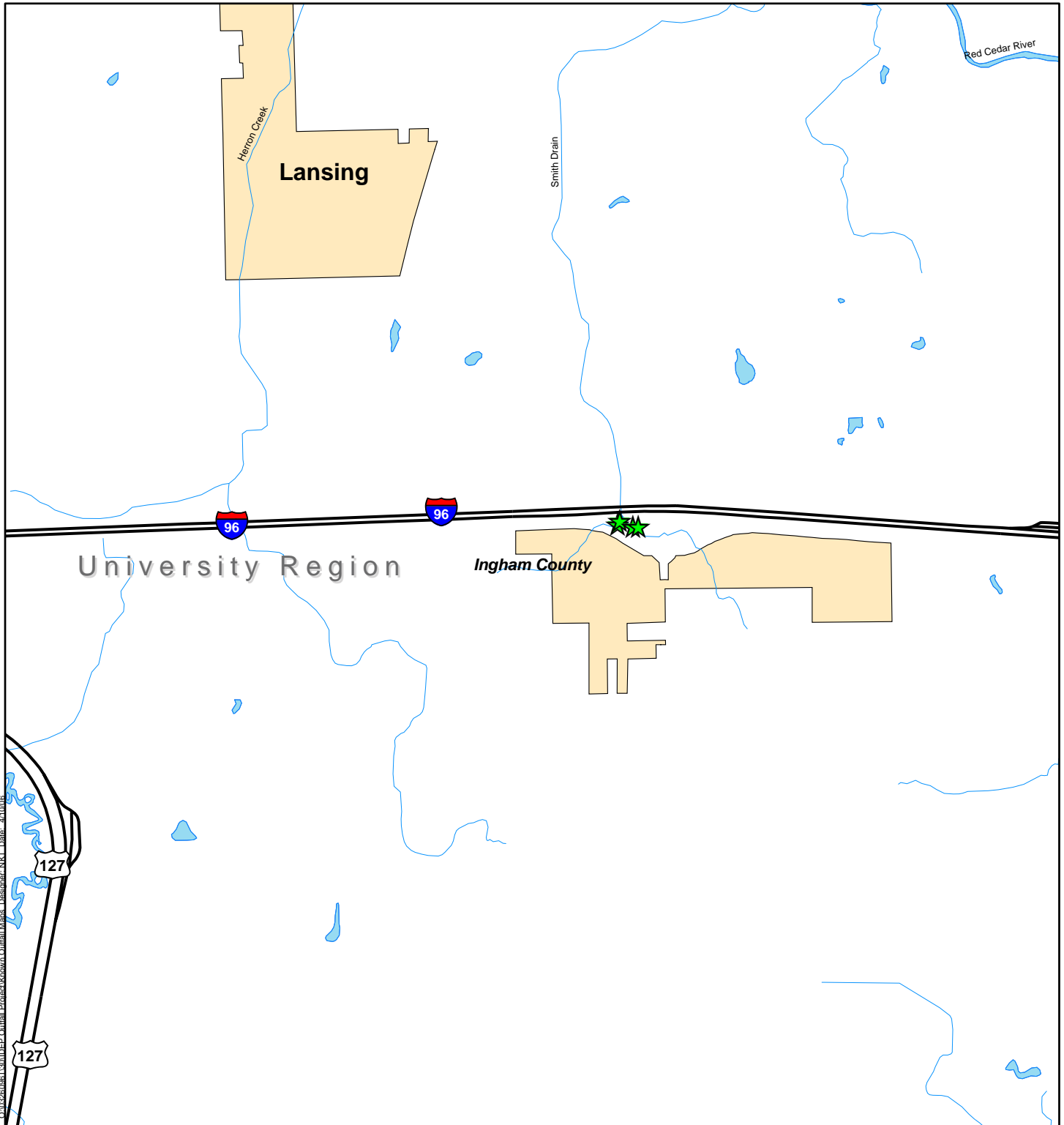
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Legend

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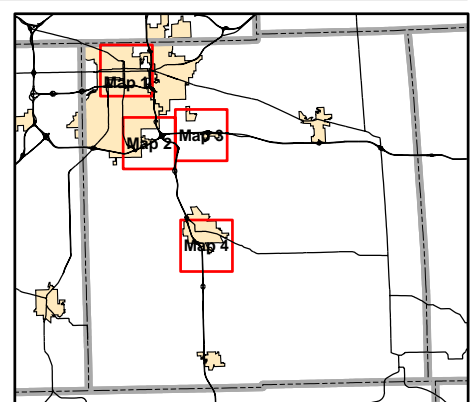
MDOT Statewide Outfall Points

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Map 3

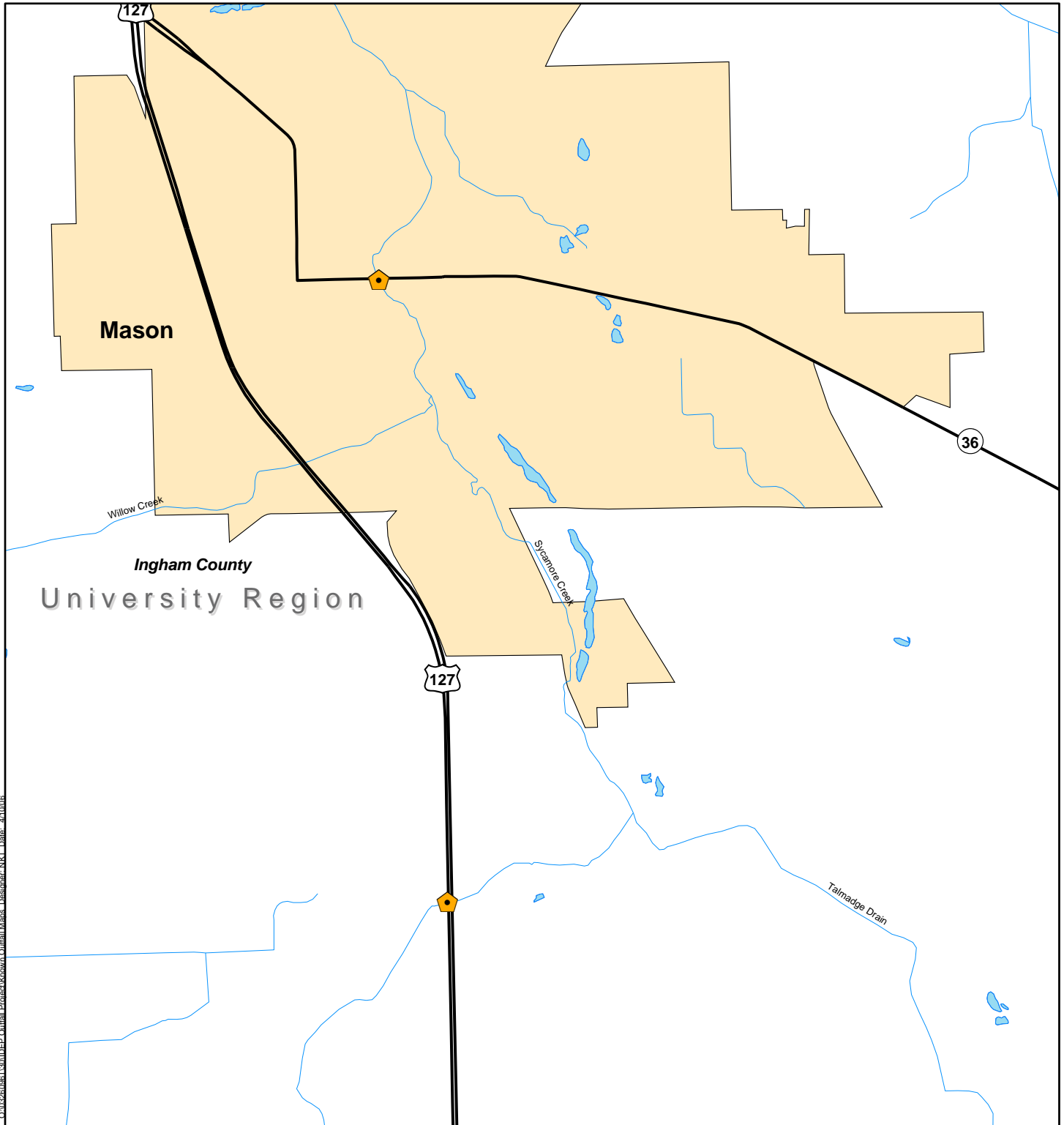
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Miles



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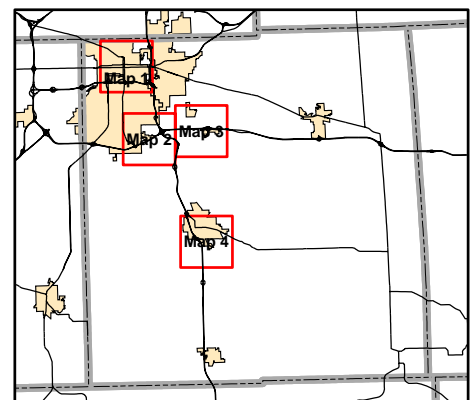
MDOT Statewide Outfall Points

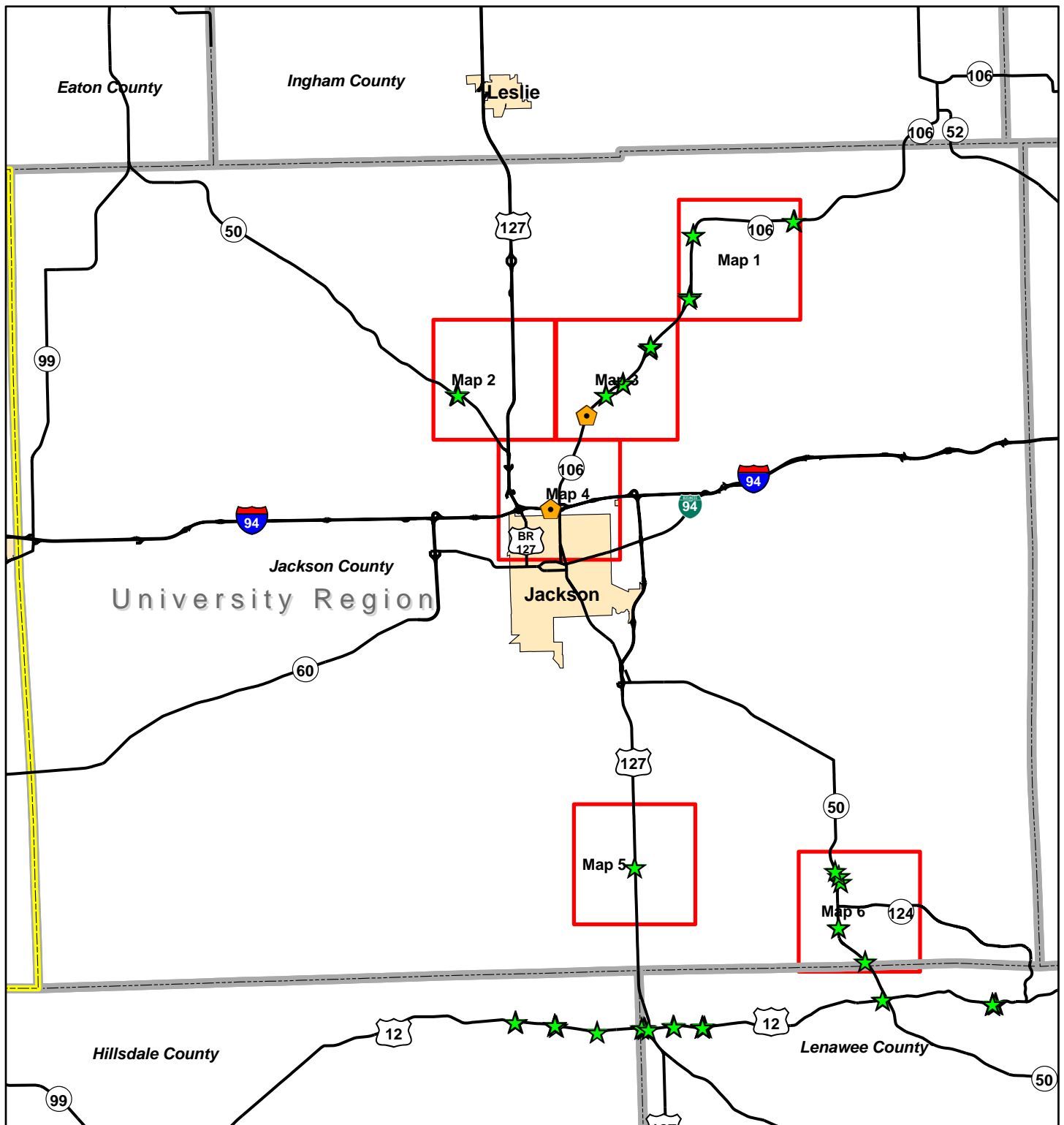
University Region, Ingham County
Map 4

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0 0.125 0.25 0.5
 Miles





MDOT Statewide Outfall Points

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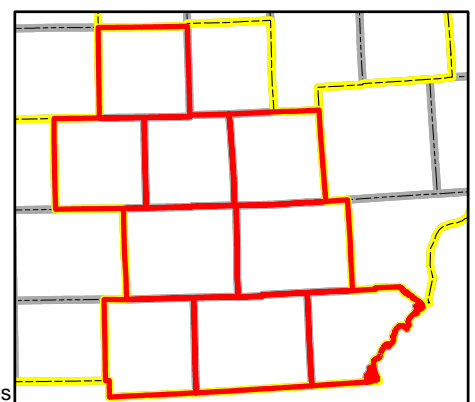


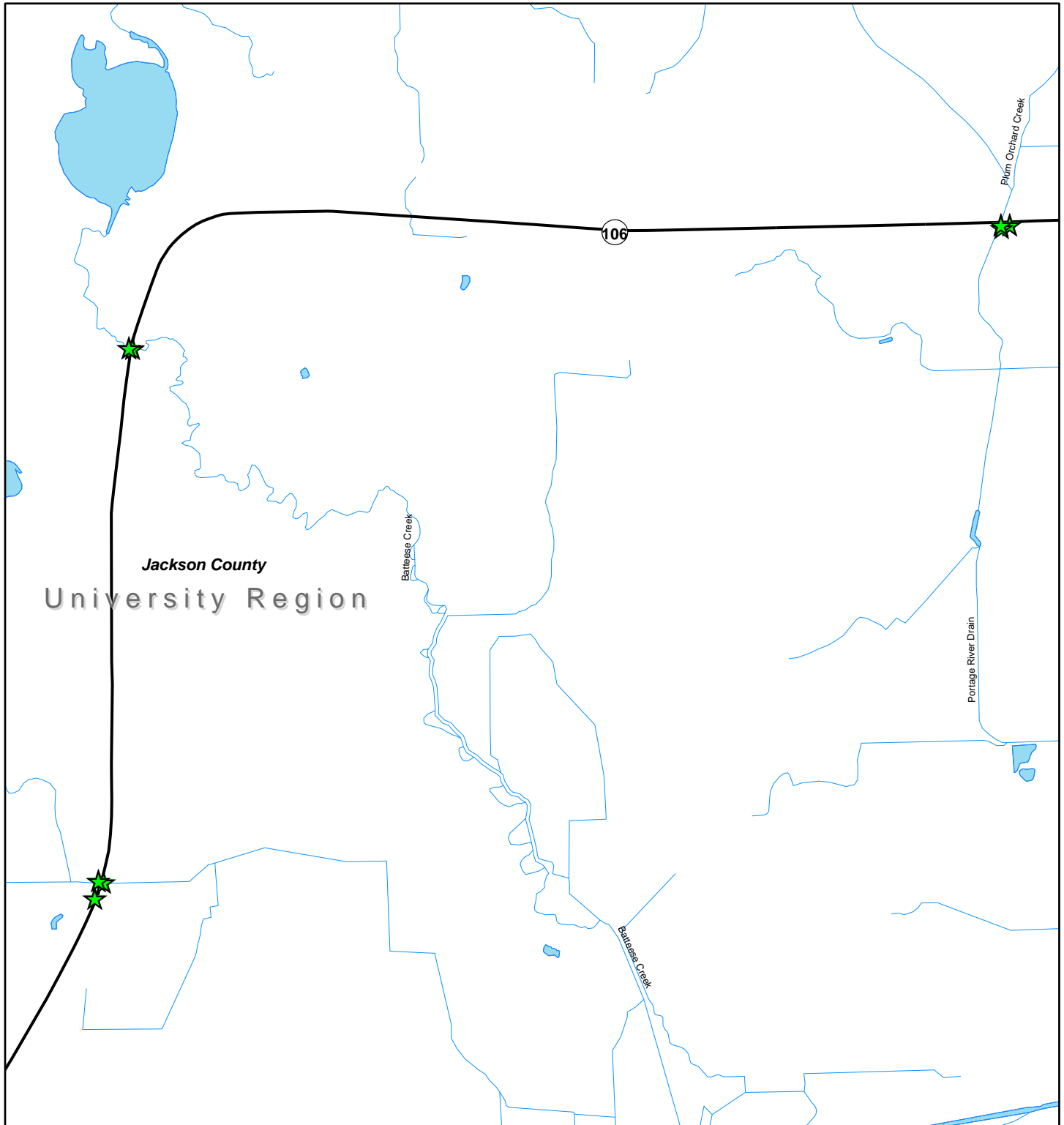
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

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0 1 2 4 Miles





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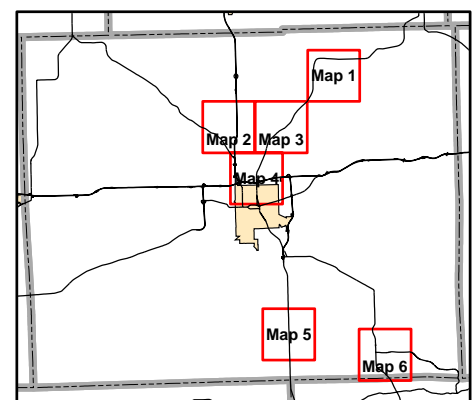
MDOT Statewide Outfall Points

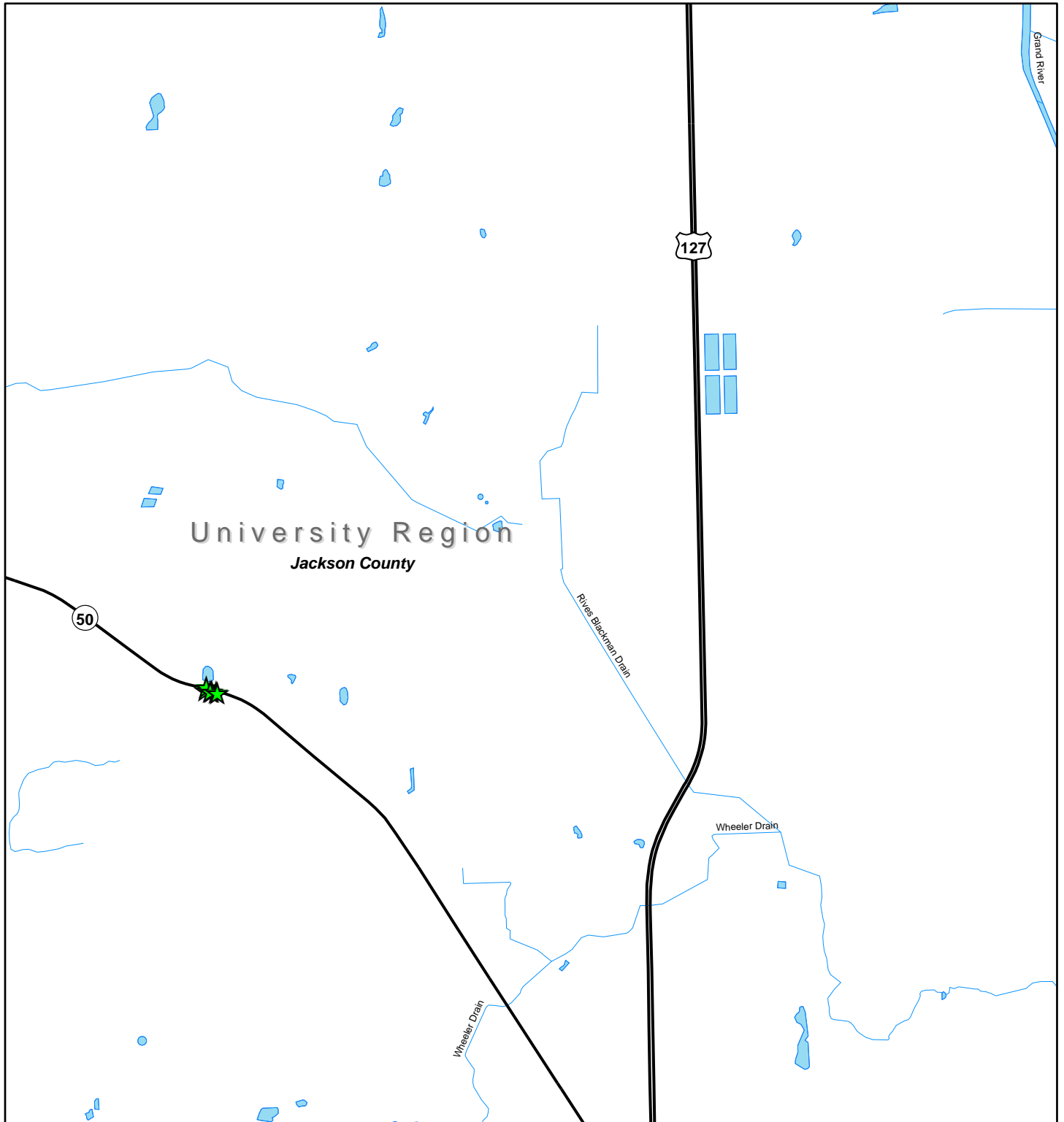
University Region, Jackson County
Map 1










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0 0.1 0.2 0.4
 Miles





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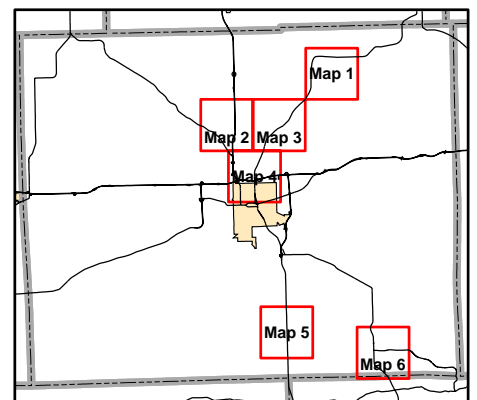
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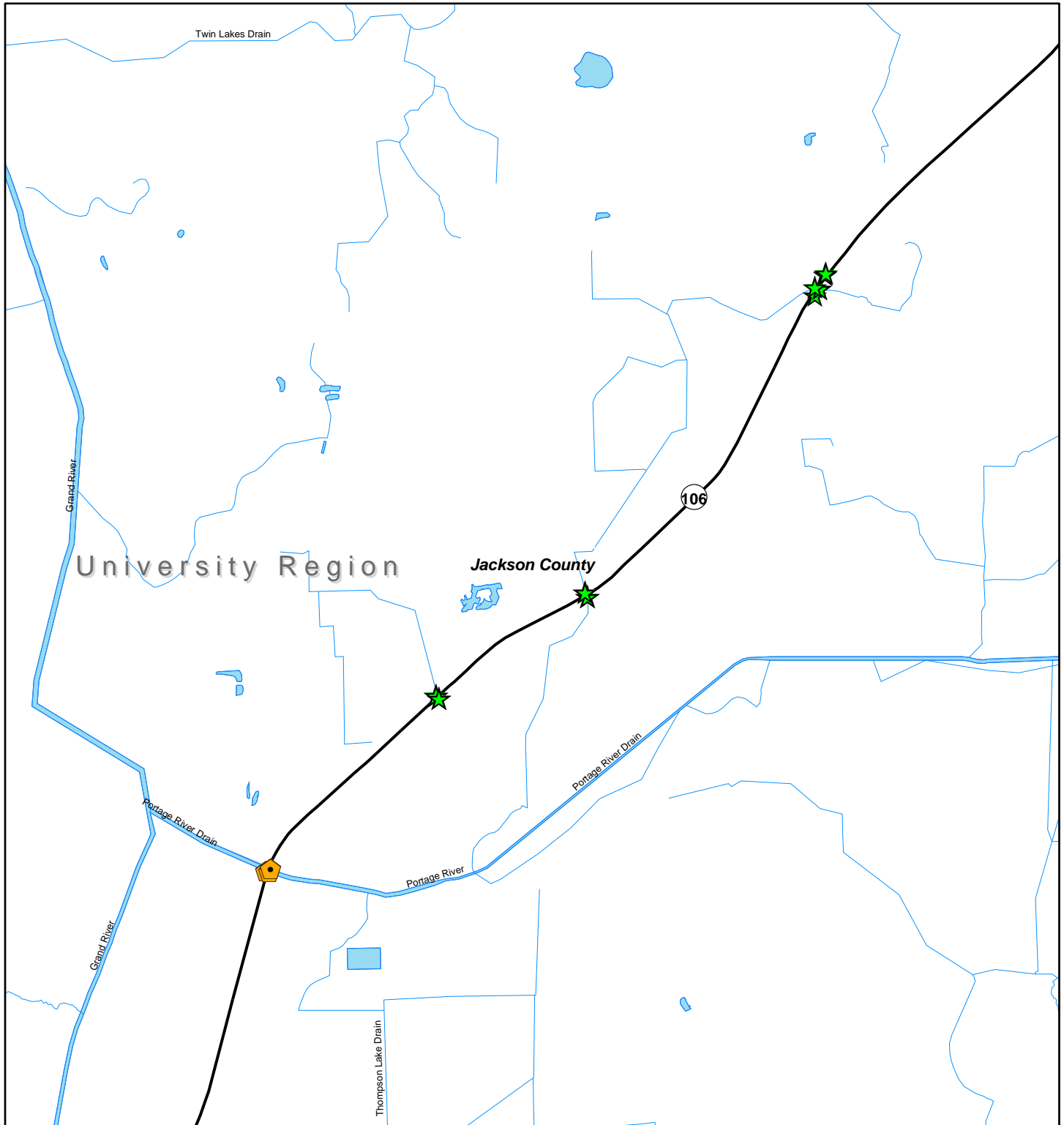
University Region, Jackson County
Map 2










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0 0.1 0.2 0.4
 Miles





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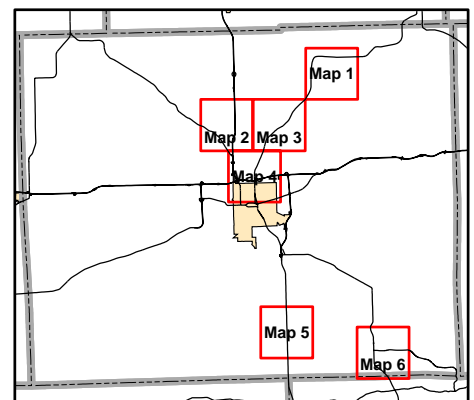
MDOT Statewide Outfall Points

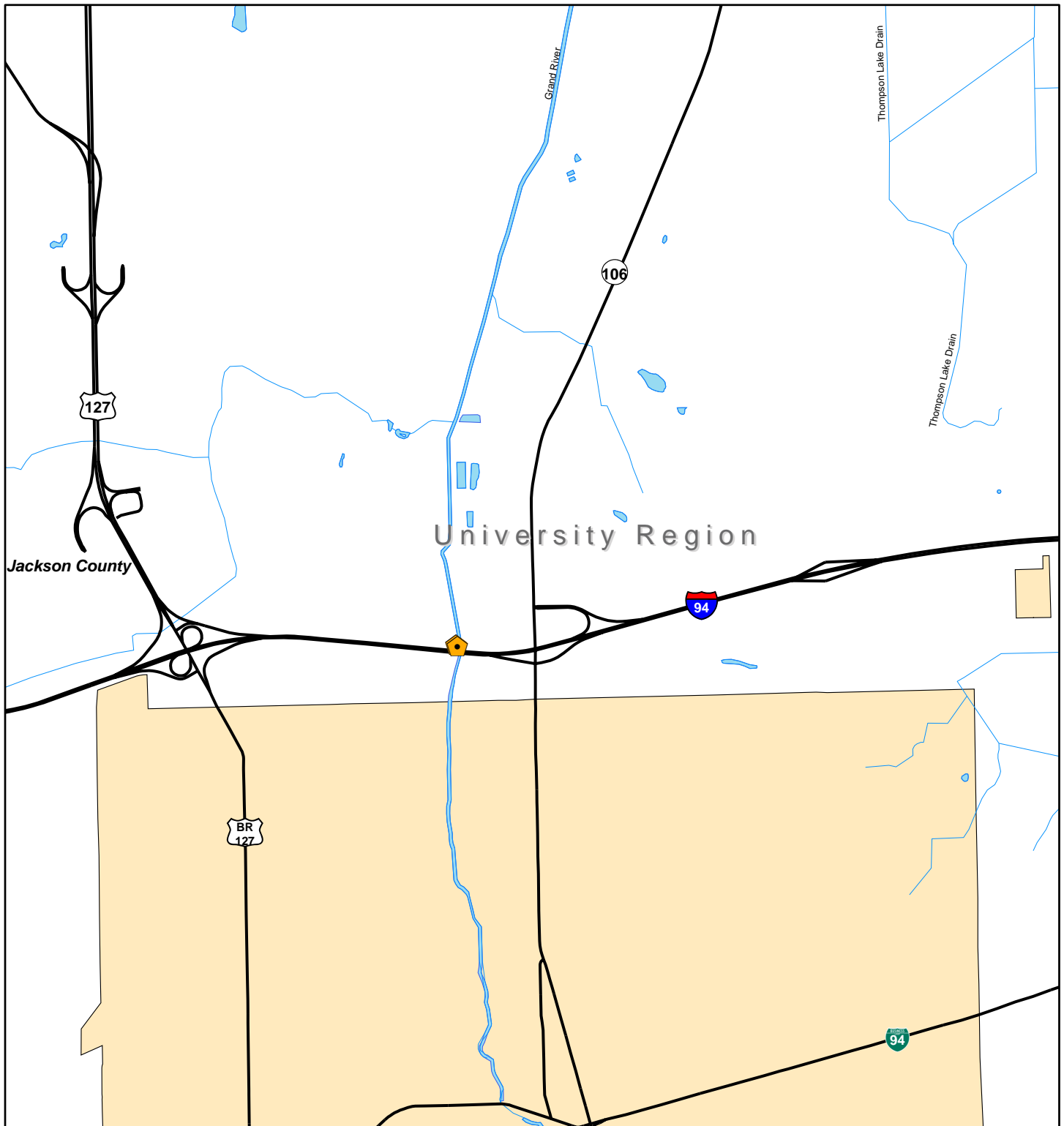
University Region, Jackson County
Map 3










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0 0.1 0.2 0.4
 Miles





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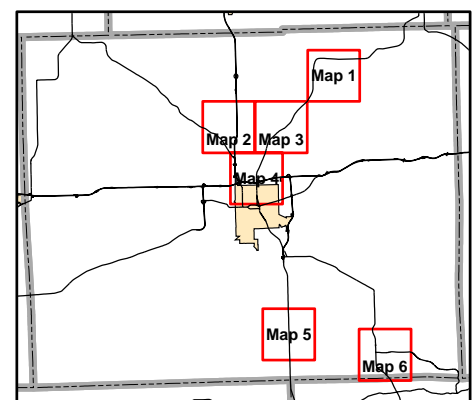
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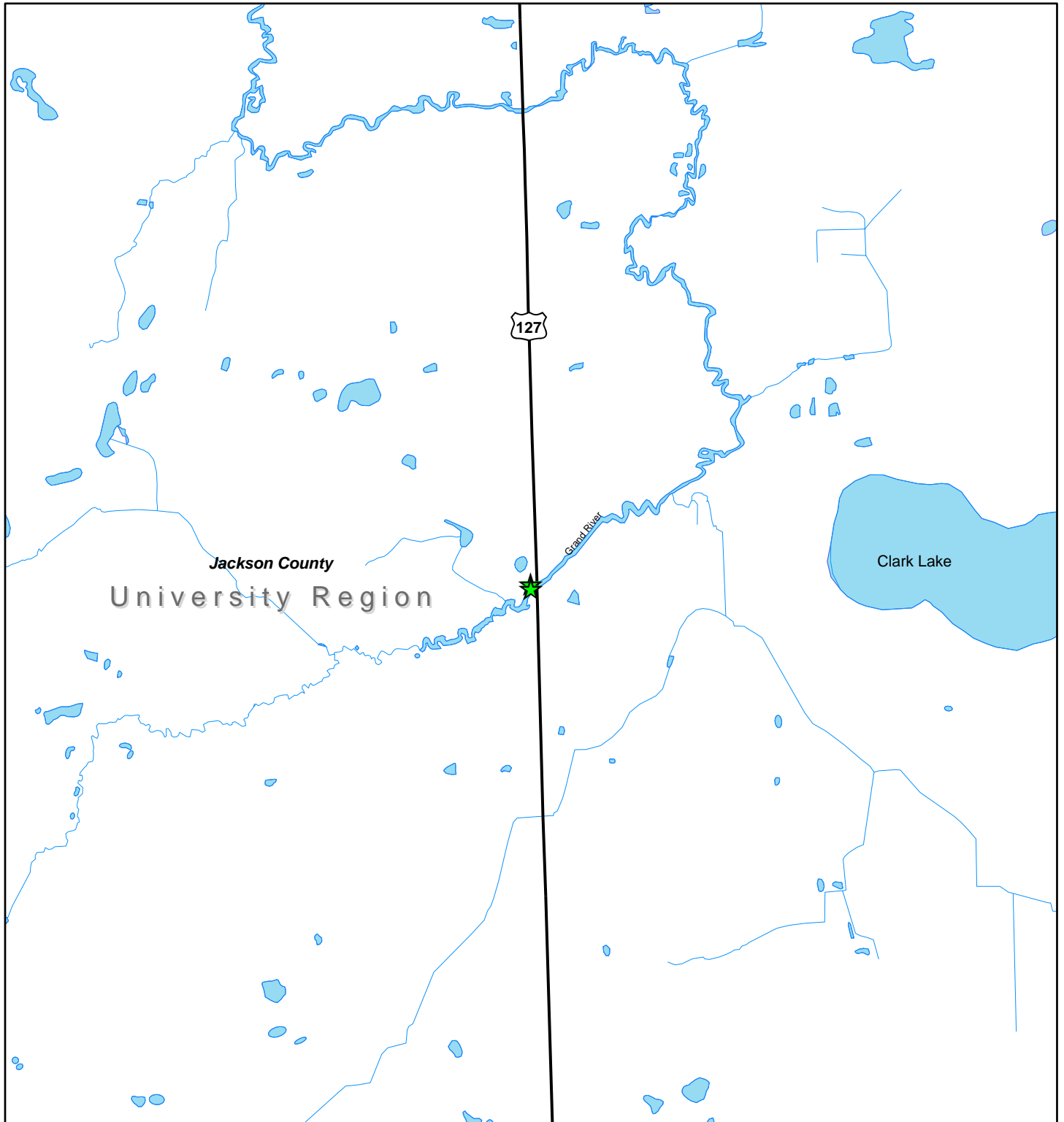
University Region, Jackson County
Map 4










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0 0.1 0.2 0.4
 Miles





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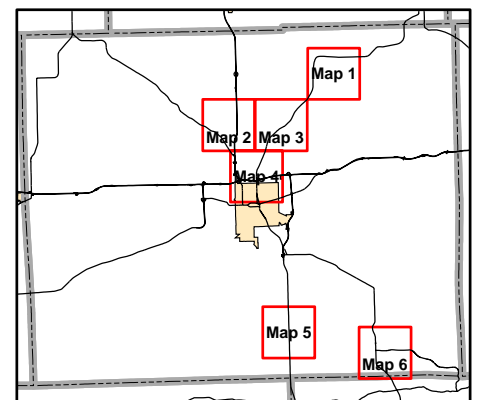
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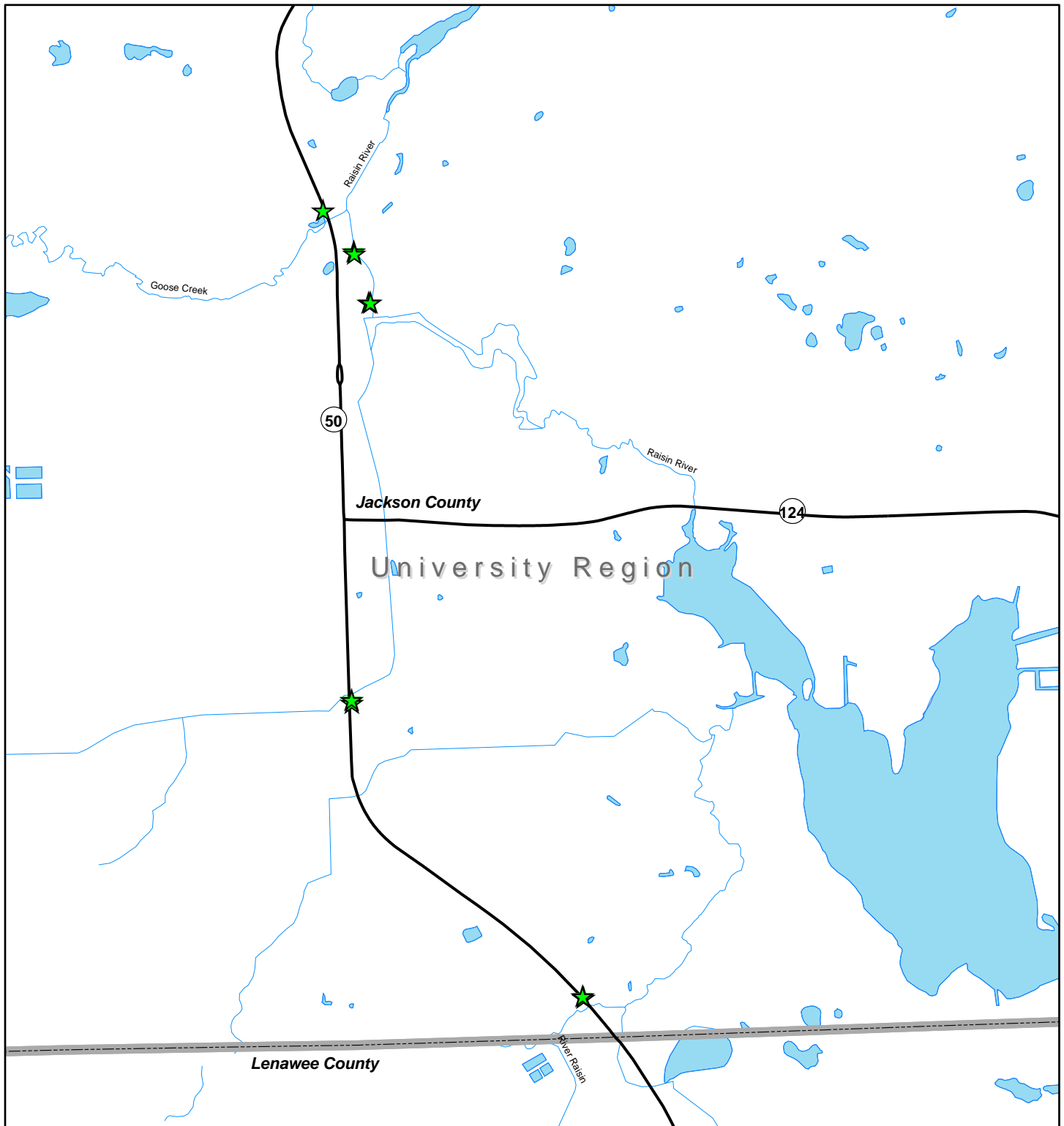
University Region, Jackson County
Map 5



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0 0.1 0.2 0.4
Miles





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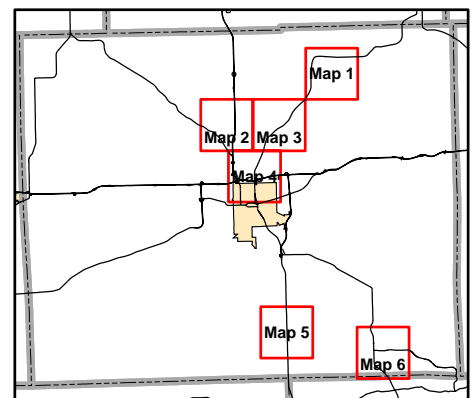


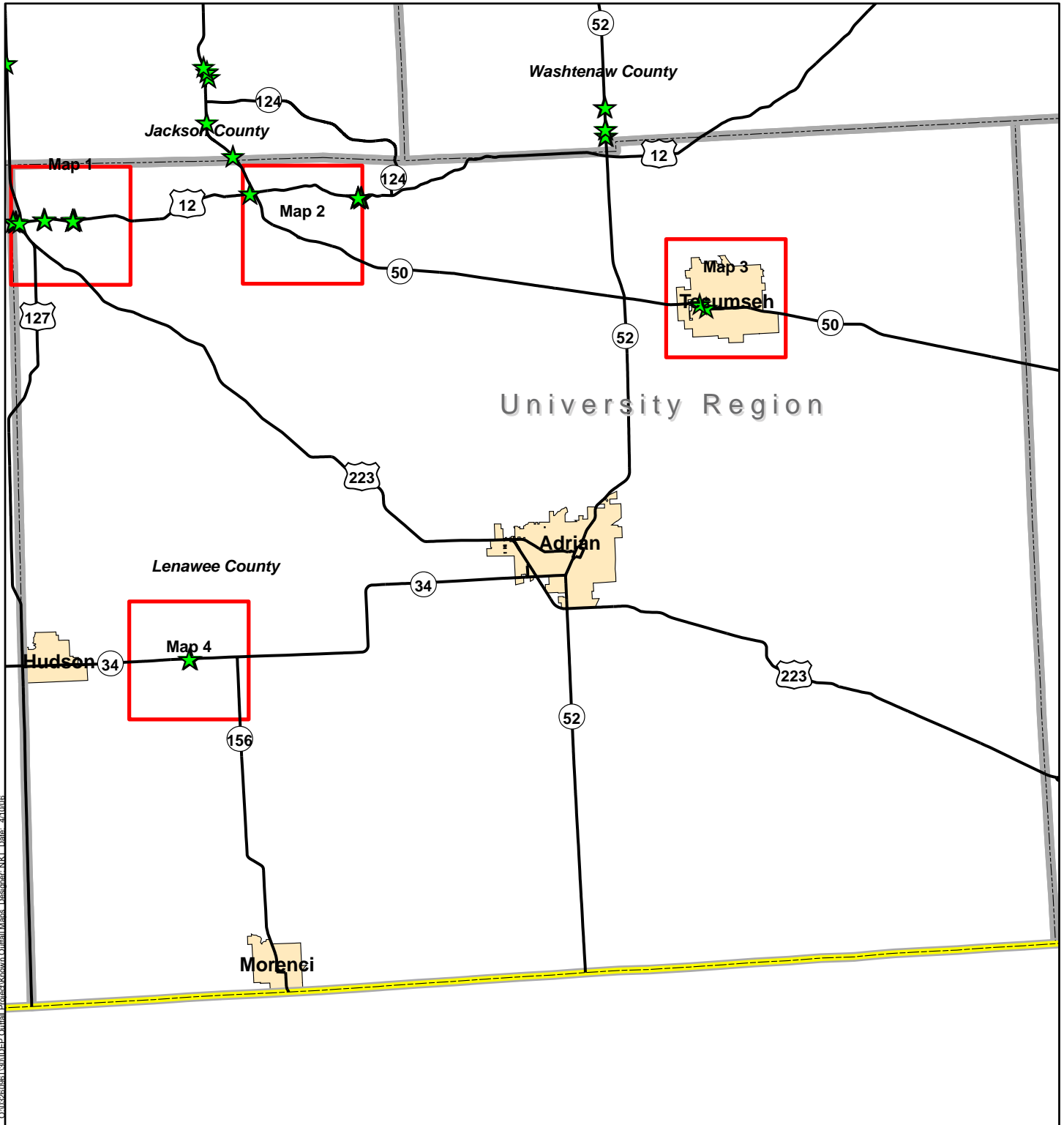
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Miles

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Map 6











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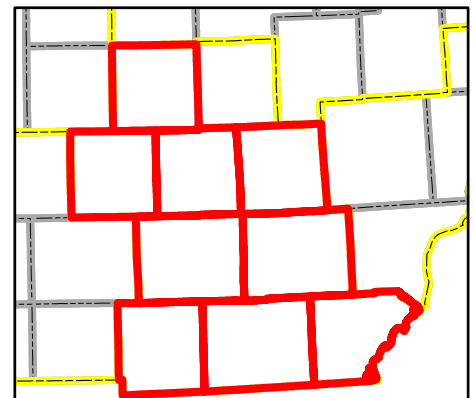


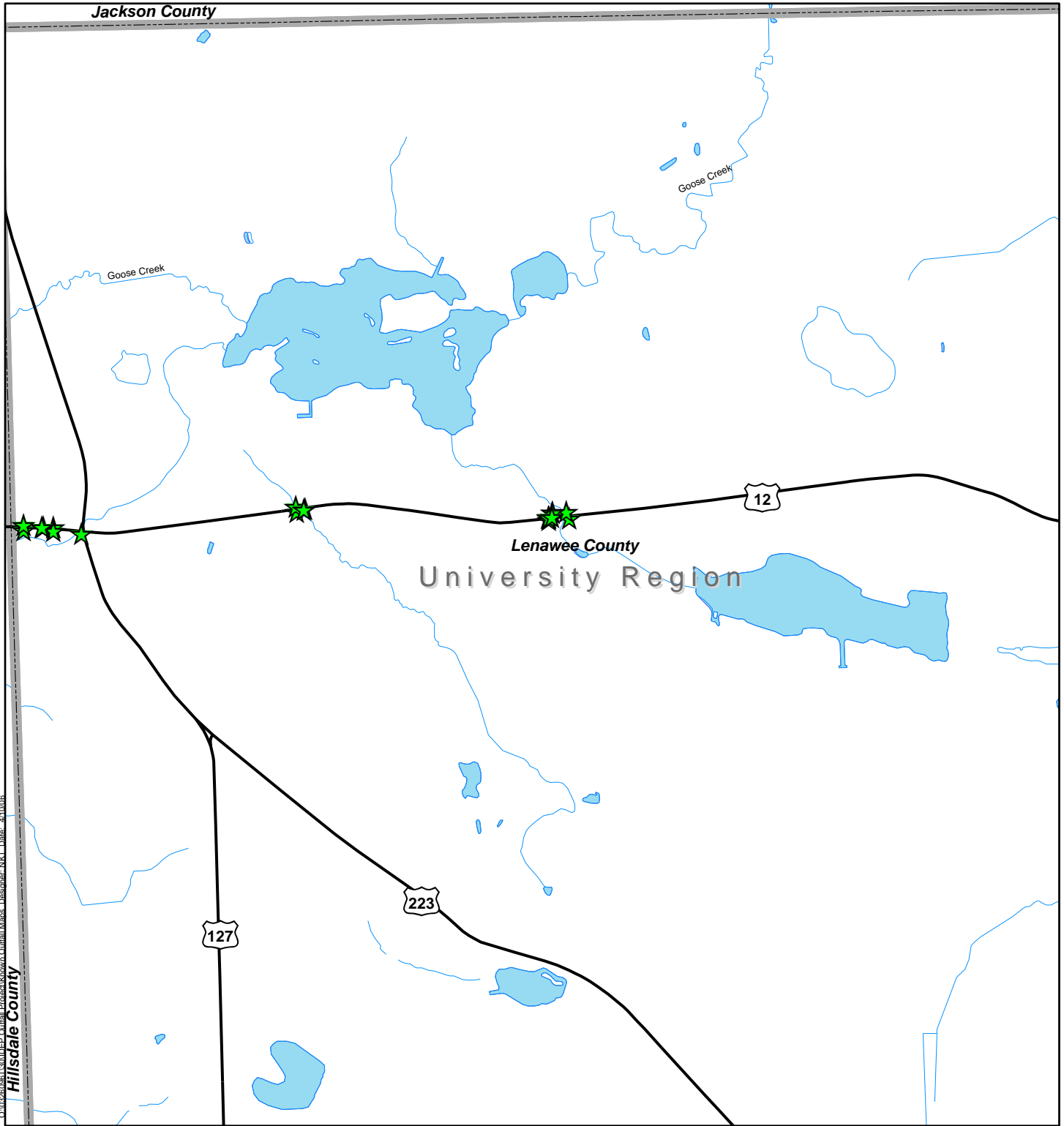
Note:
Estimated Outfalls are outfall locations
 estimated from design survey data.
Investigated Outfalls are outfalls
 located by field investigation.



TETRA TECH INC

0 1.25 2.5 5
Miles





O:\022408\13\01\DEP Outfall Project\Known Outfall Maps Designer: NKT Date: 4/10/08

Legend

Estimated Outfalls (design-survey)
 Investigated Outfalls
 Waterbodies
 Trunkline
 City
 County Lines
 MDOT Regions

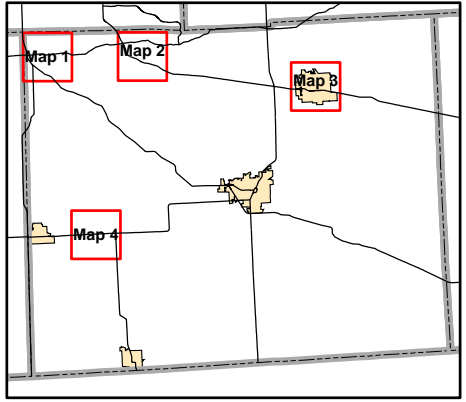
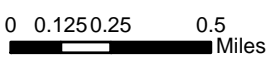


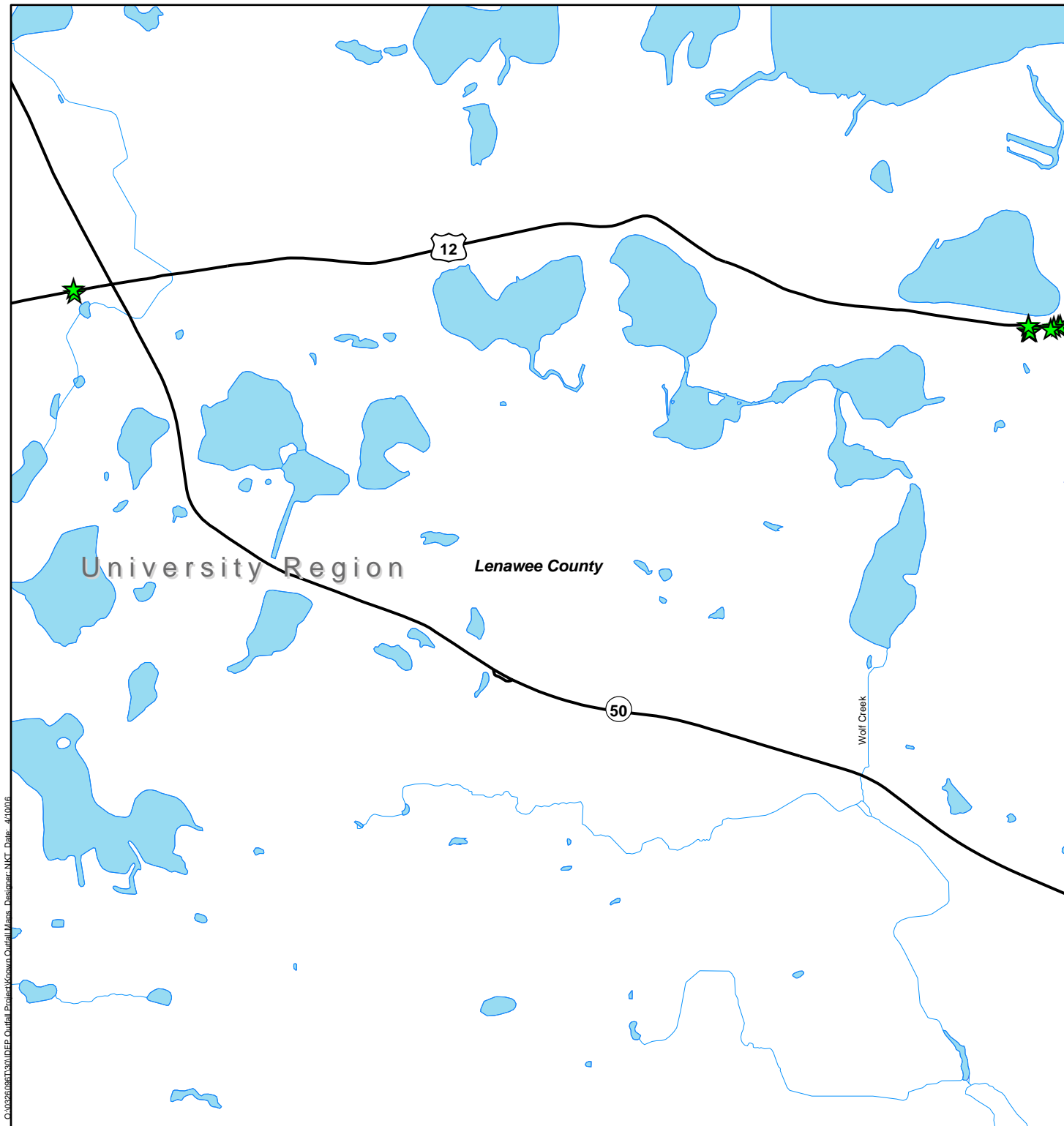
Note:
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MDOT Statewide Outfall Points

University Region, Lenawee County

Map 1

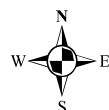




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Legend

- Estimated Outfalls (design-survey)
- Investigated Outfalls
- Waterbodies
- Trunkline
- City
- County Lines
- MDOT Regions



Note:
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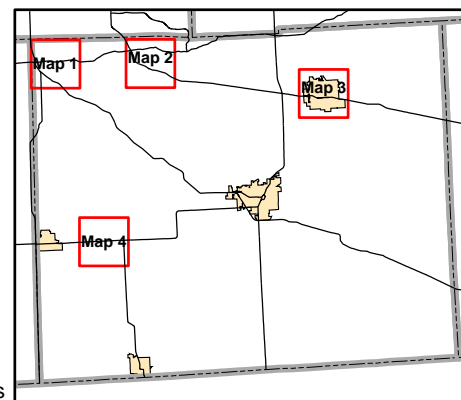
MDOT Statewide Outfall Points

University Region, Lenawee County
Map 2



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0 0.125 0.25 0.5
 Miles





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Legend

- ★ Estimated Outfalls (design-survey)
- ⬠ Investigated Outfalls
- ~~~~~ Waterbodies
- Trunkline
- City
- County Lines
- MDOT Regions



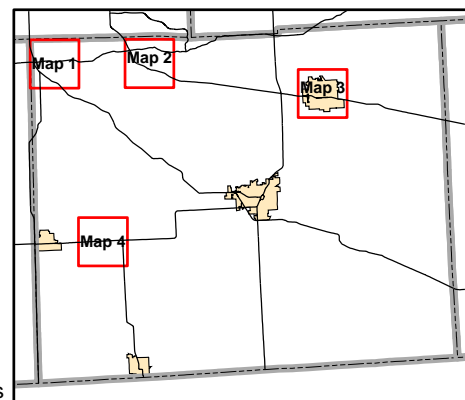
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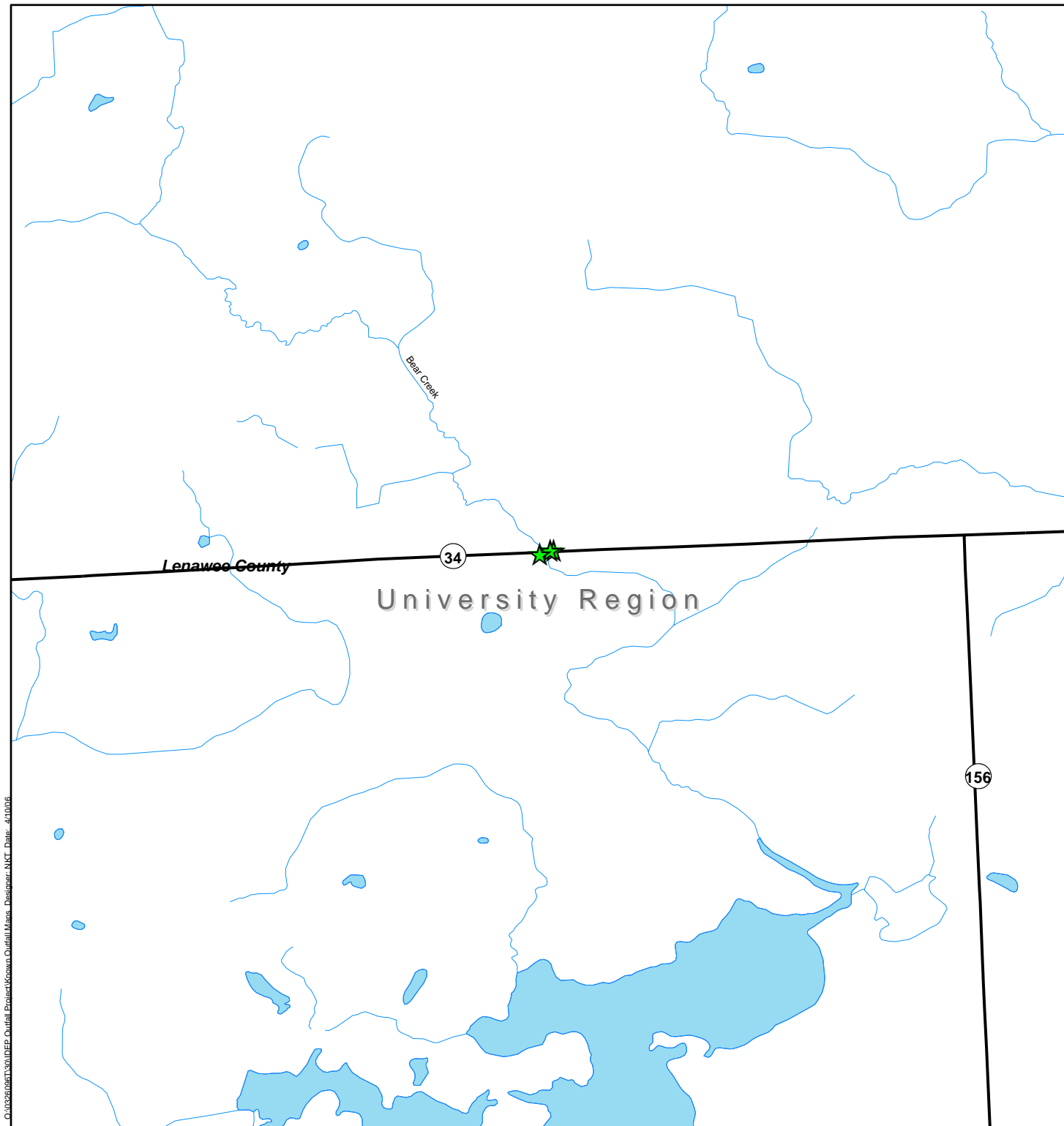


0 0.125 0.25 0.5
 Miles

MDOT Statewide Outfall Points

University Region, Lenawee County
Map 3





O:\022408\T3\01DEP Outfall Project\Known Outfall Maps Designer: NKT Date: 4/10/08

Legend

Estimated Outfalls (design-survey)

Investigated Outfalls

Waterbodies

Trunkline

City

County Lines

MDOT Regions



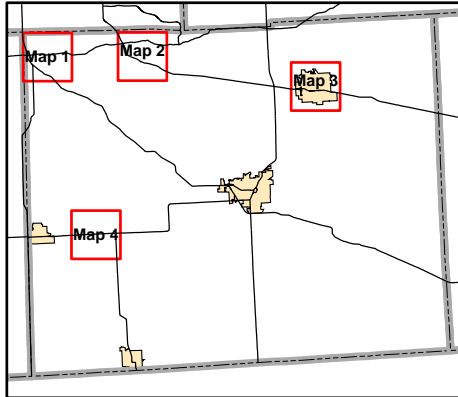
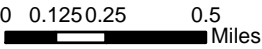
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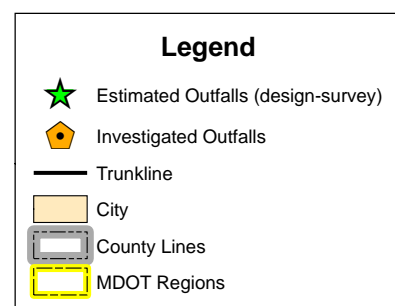
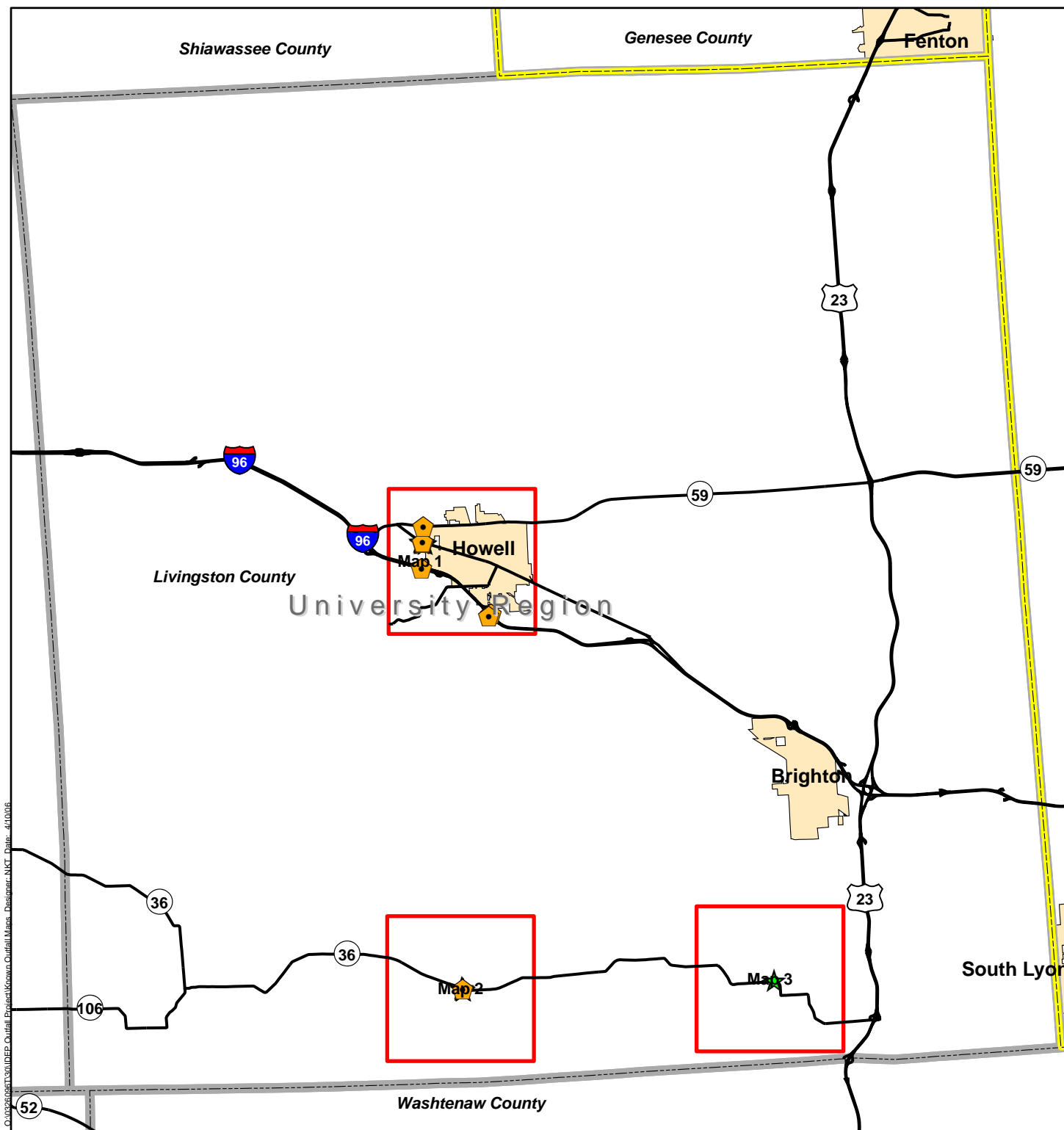
MDOT Statewide Outfall Points

University Region, Lenawee County
Map 4



TETRA TECH INC





Note:
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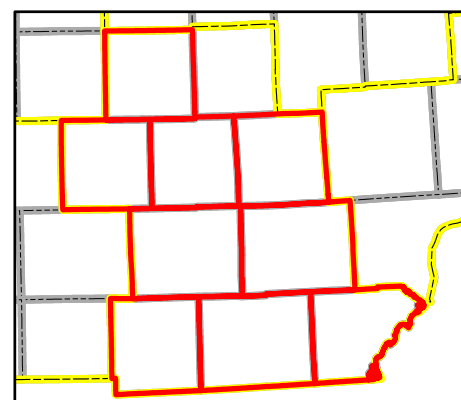
MDOT Statewide Outfall Points

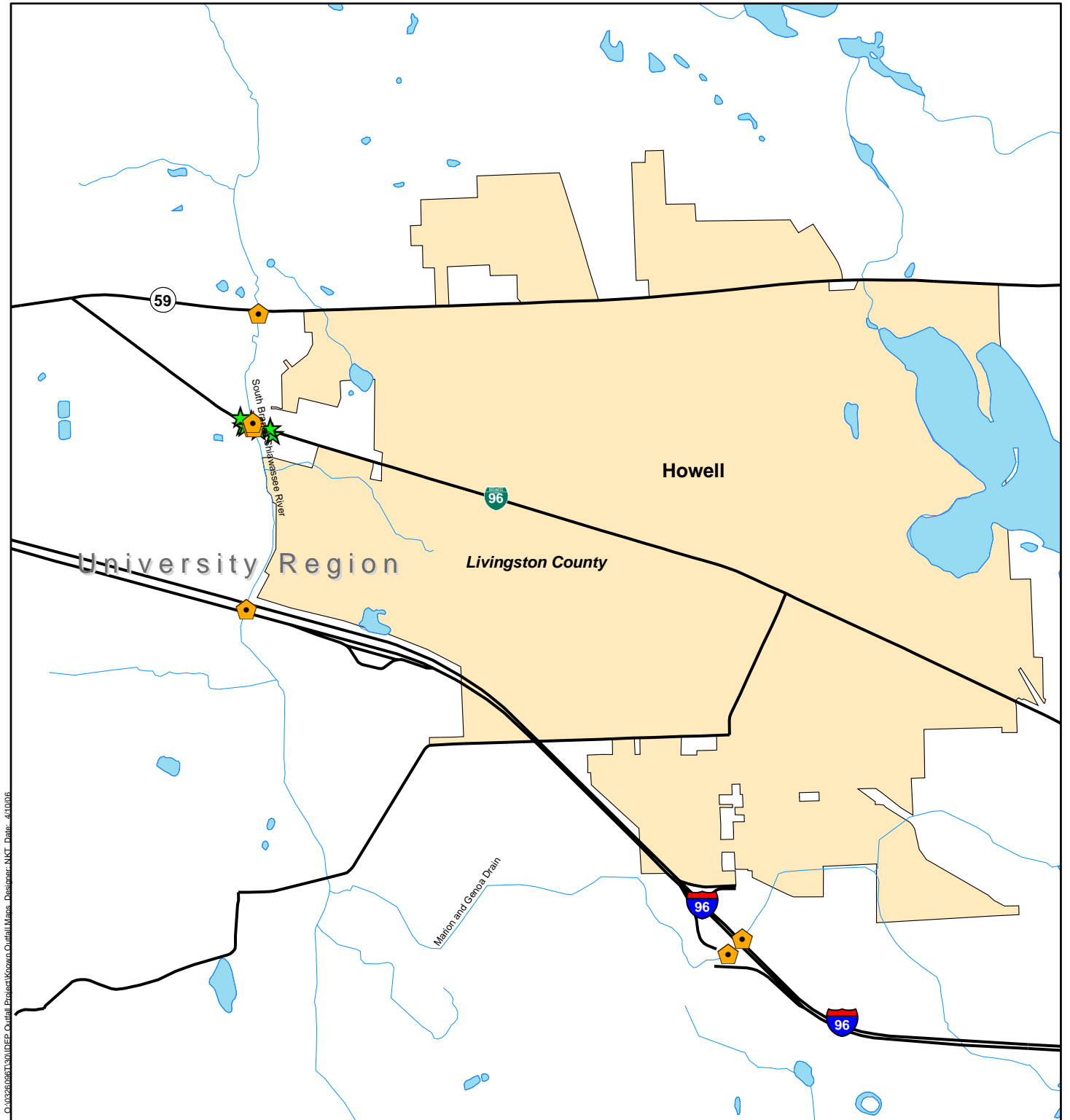
University Region, Livingston County
 Index



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0 1 2 4 Miles





Legend

- Estimated Outfalls (design-survey)
- Investigated Outfalls
- Waterbodies
- Trunkline
- City
- County Lines
- MDOT Regions



Note:
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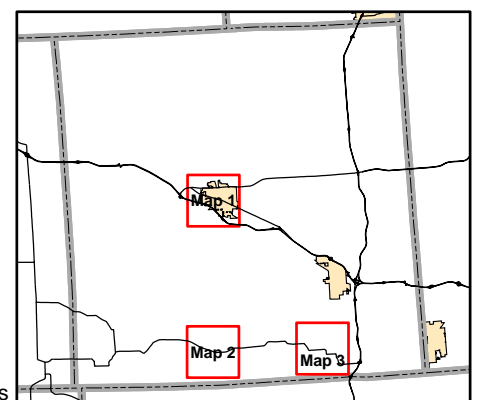
MDOT Statewide Outfall Points

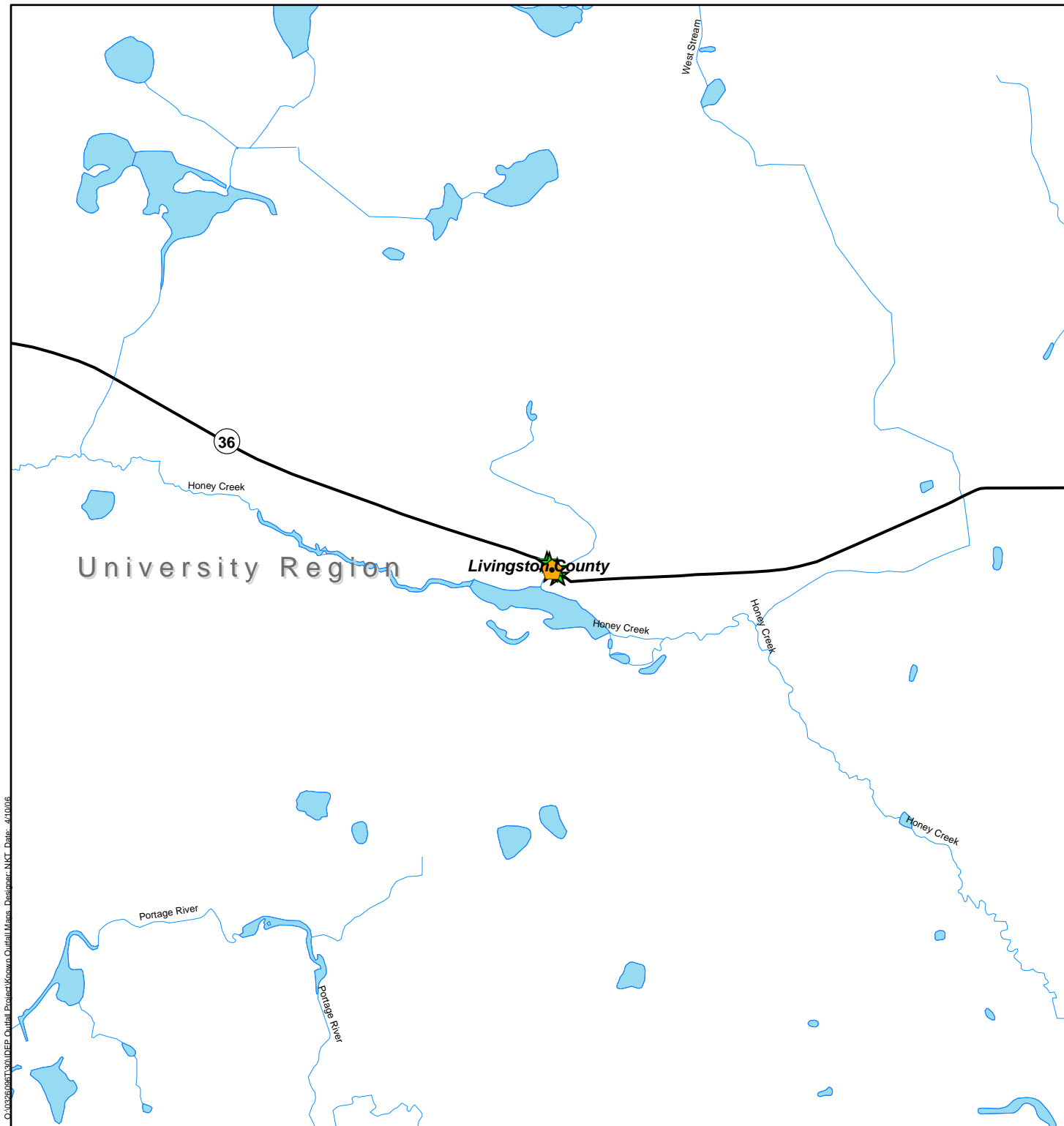
University Region, Livingston County
Map 1



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0 0.15 0.3 0.6
 Miles





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Legend

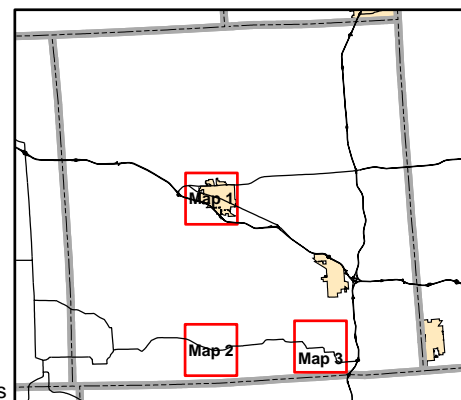
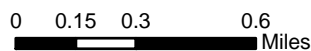
- ★ Estimated Outfalls (design-survey)
- ⬠ Investigated Outfalls
- ~~~~~ Waterbodies
- Trunkline
- City
- County Lines
- MDOT Regions



Note:
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MDOT Statewide Outfall Points








University Region, Livingston County Map 2





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Legend

-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Waterbodies
-  Trunkline
-  City
-  County Lines
-  MDOT Regions



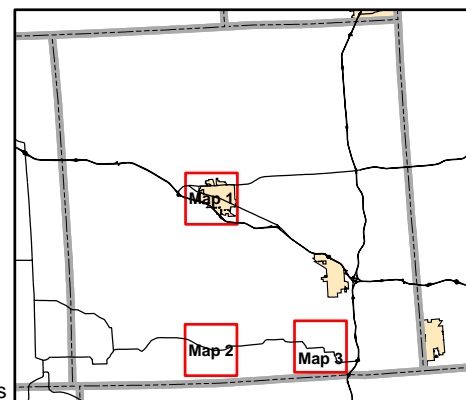
MDOT Statewide Outfall Points

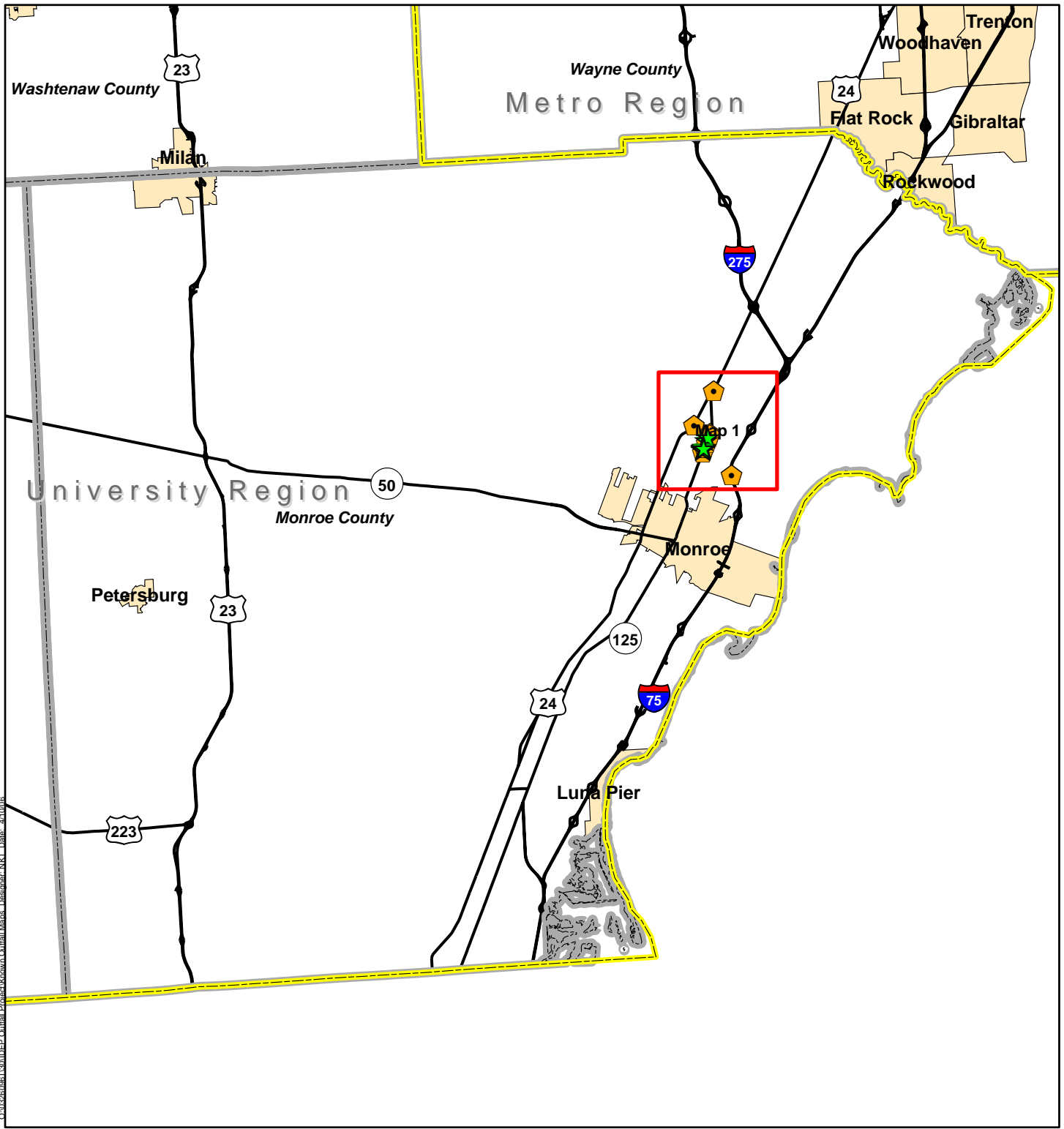
University Region, Livingston County
Map 3

Note:
Estimated Outfalls are outfall locations estimated from design survey data.
Investigated Outfalls are outfalls located by field investigation.



0 0.15 0.3 0.6
 Miles





Legend

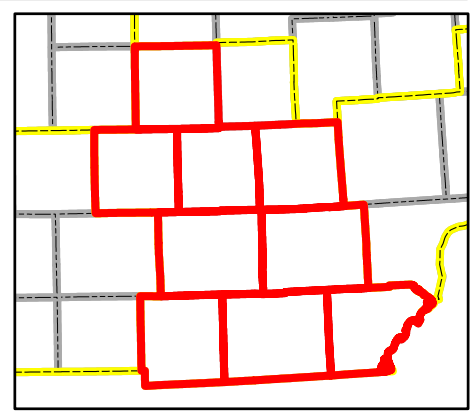
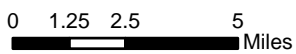
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- ⬡ Investigated Outfalls
- MDOT Roads
- City
- County Lines
- MDOT Regions

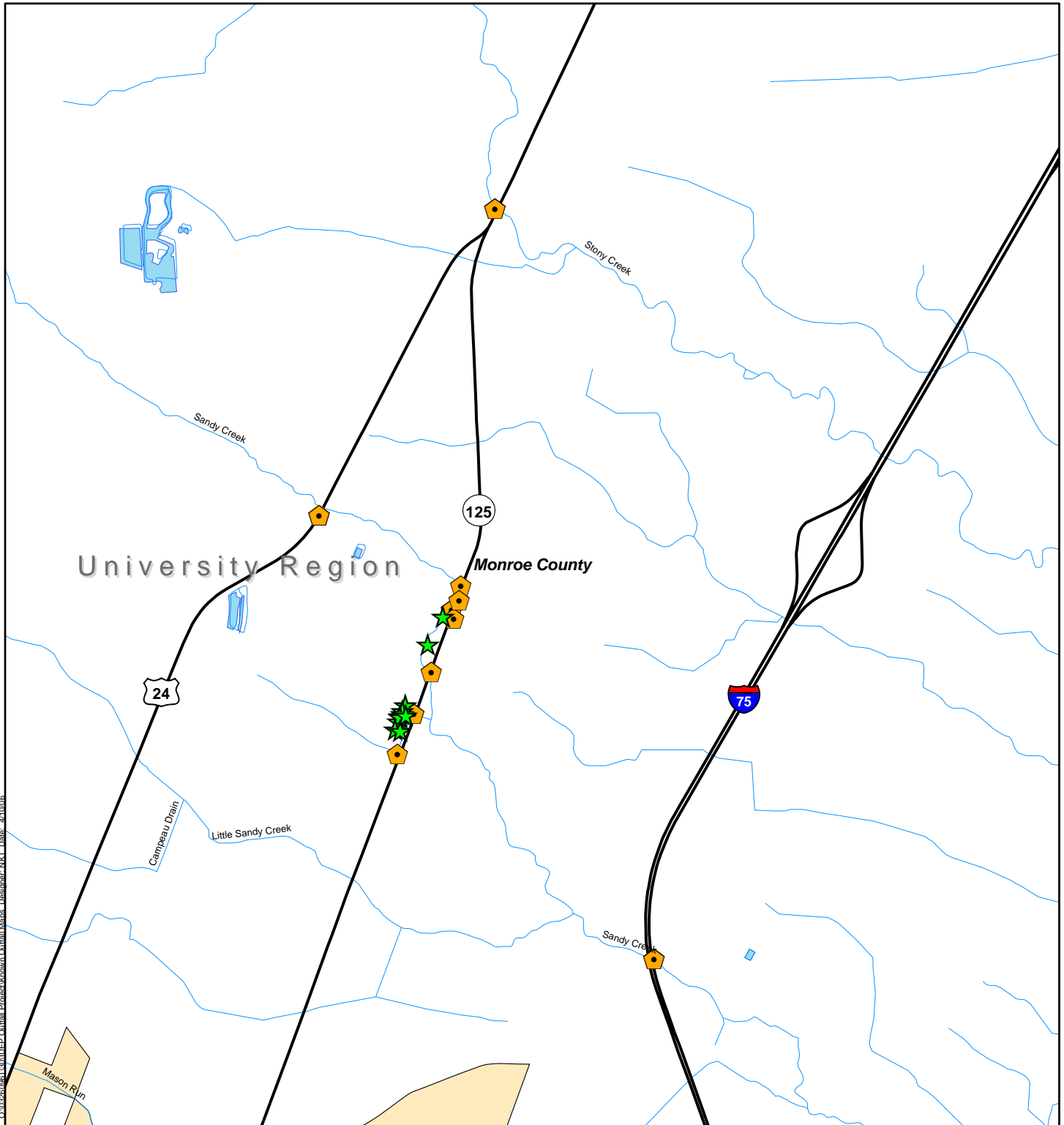


Note:
Estimated Outfalls are outfall locations estimated from design survey data.
Investigated Outfalls are outfalls located by field investigation.

MDOT Statewide Outfall Points

University Region, Monroe County Index





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Legend

Estimated Outfalls (design-survey)

Investigated Outfalls

Waterbodies

MDOT Roads

City

County Lines

MDOT Regions

MDOT Statewide Outfall Points

University Region, Monroe County

Map 1

TETRA TECH INC

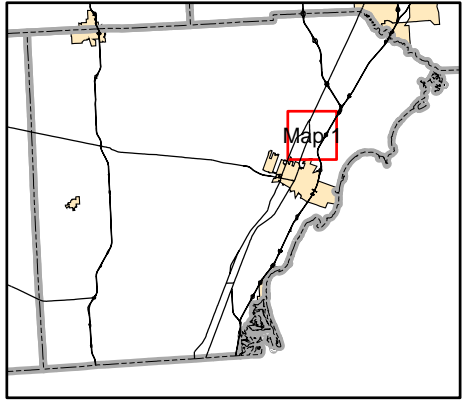
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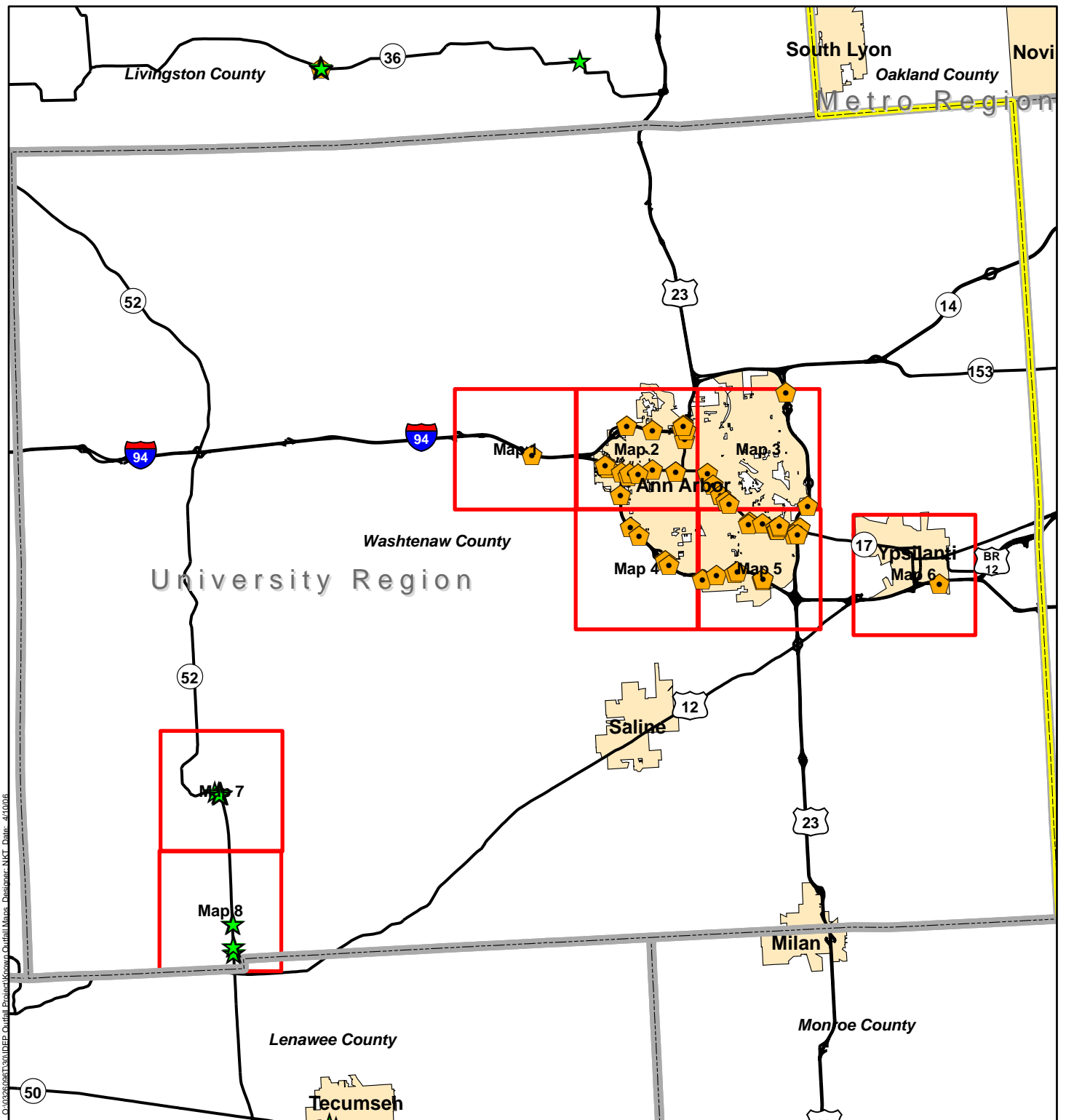
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0 0.15 0.3 0.6

Miles





Legend

- Estimated Outfalls (design-survey)
- Investigated Outfalls
- MDOT Roads
- City
- County Lines
- MDOT Regions



MDOT Statewide Outfall Points

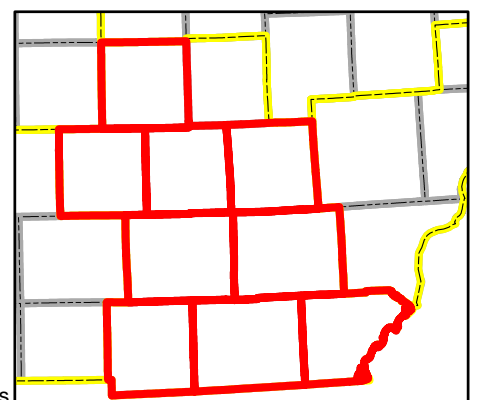
University Region, Washtenaw County
Index

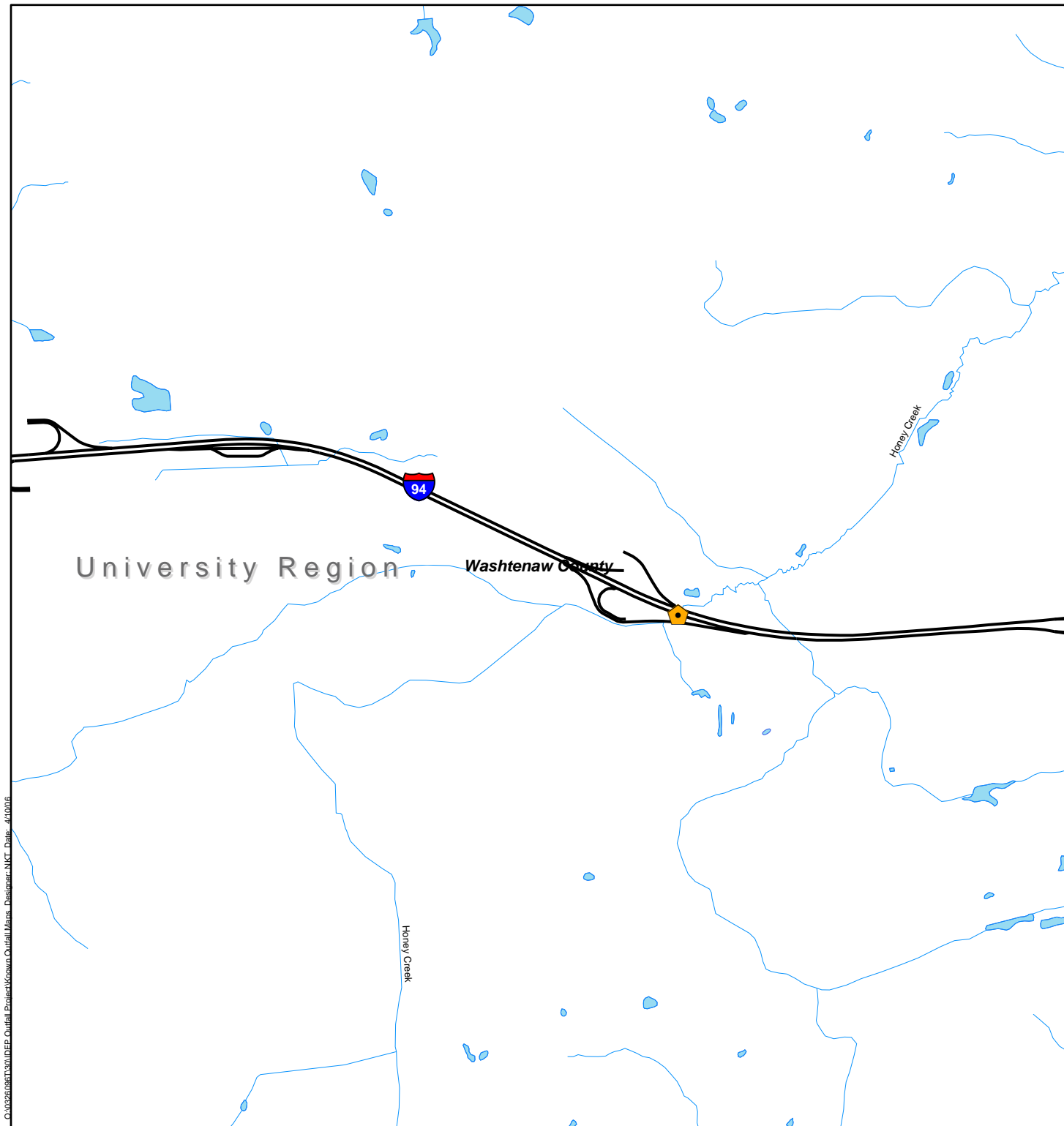
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0 1.25 2.5 5
Miles





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Legend

Estimated Outfalls (design-survey)

Investigated Outfalls

Waterbodies

MDOT Roads

City

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MDOT Regions

MDOT Statewide Outfall Points

University Region, Washtenaw County

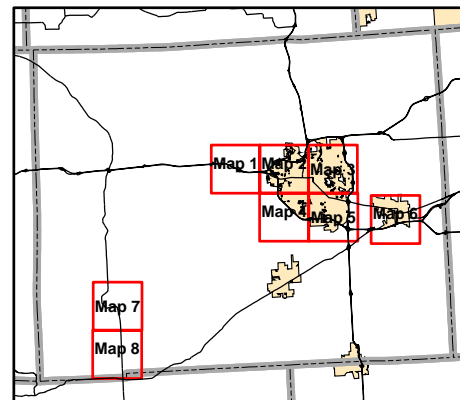
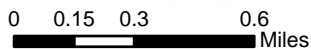
Map 1

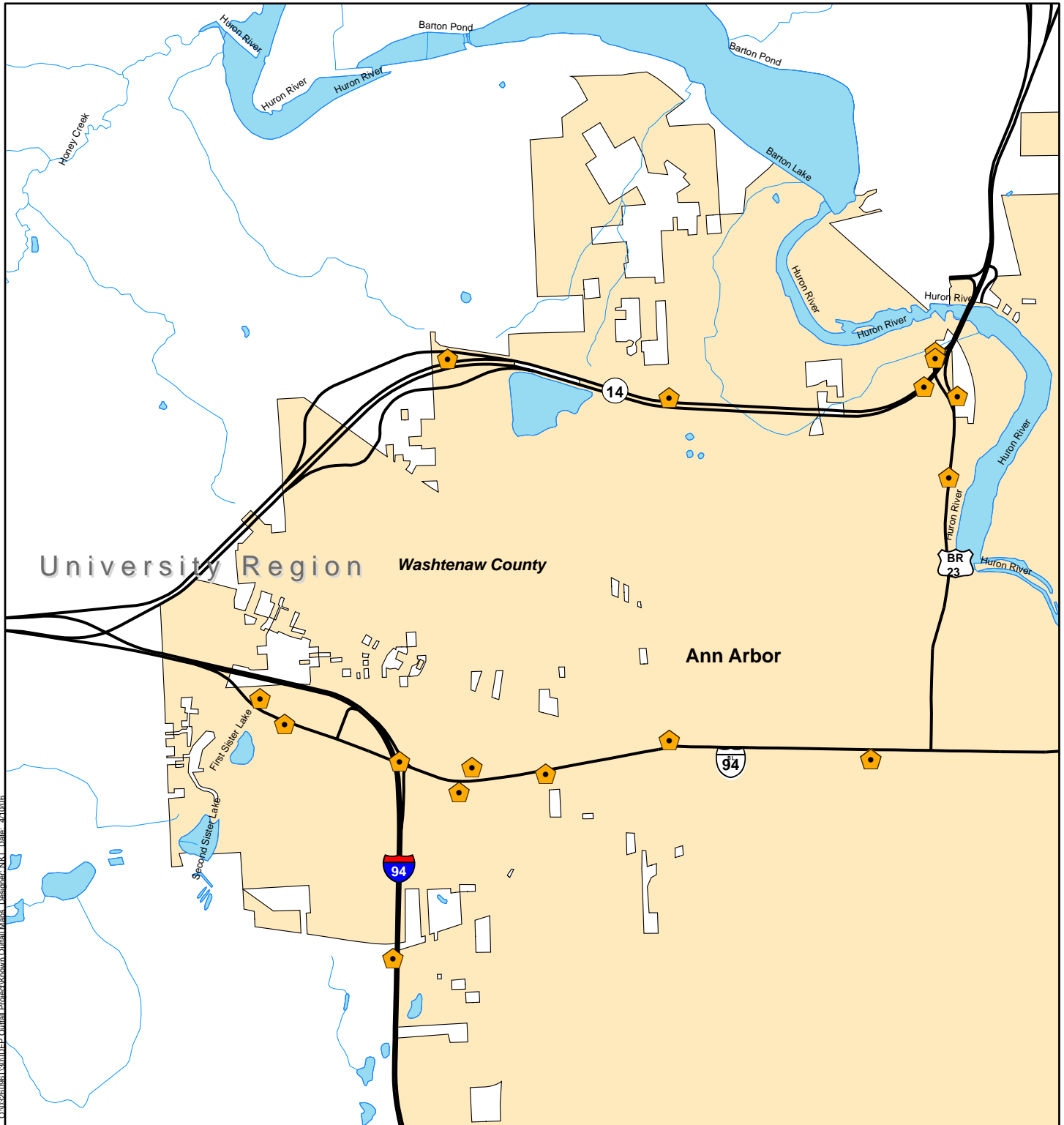


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Legend

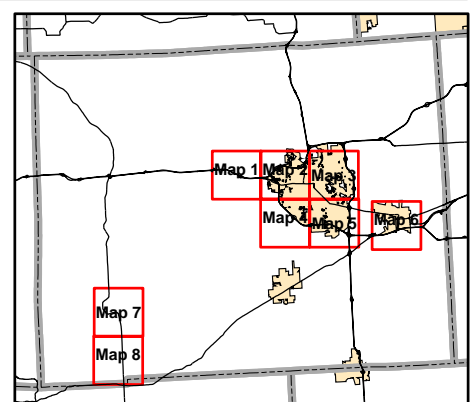
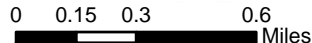
- ★ Estimated Outfalls (design-survey)
- ⬡ Investigated Outfalls
- ~ Waterbodies
- MDOT Roads
- City
- County Lines
- MDOT Regions

MDOT Statewide Outfall Points

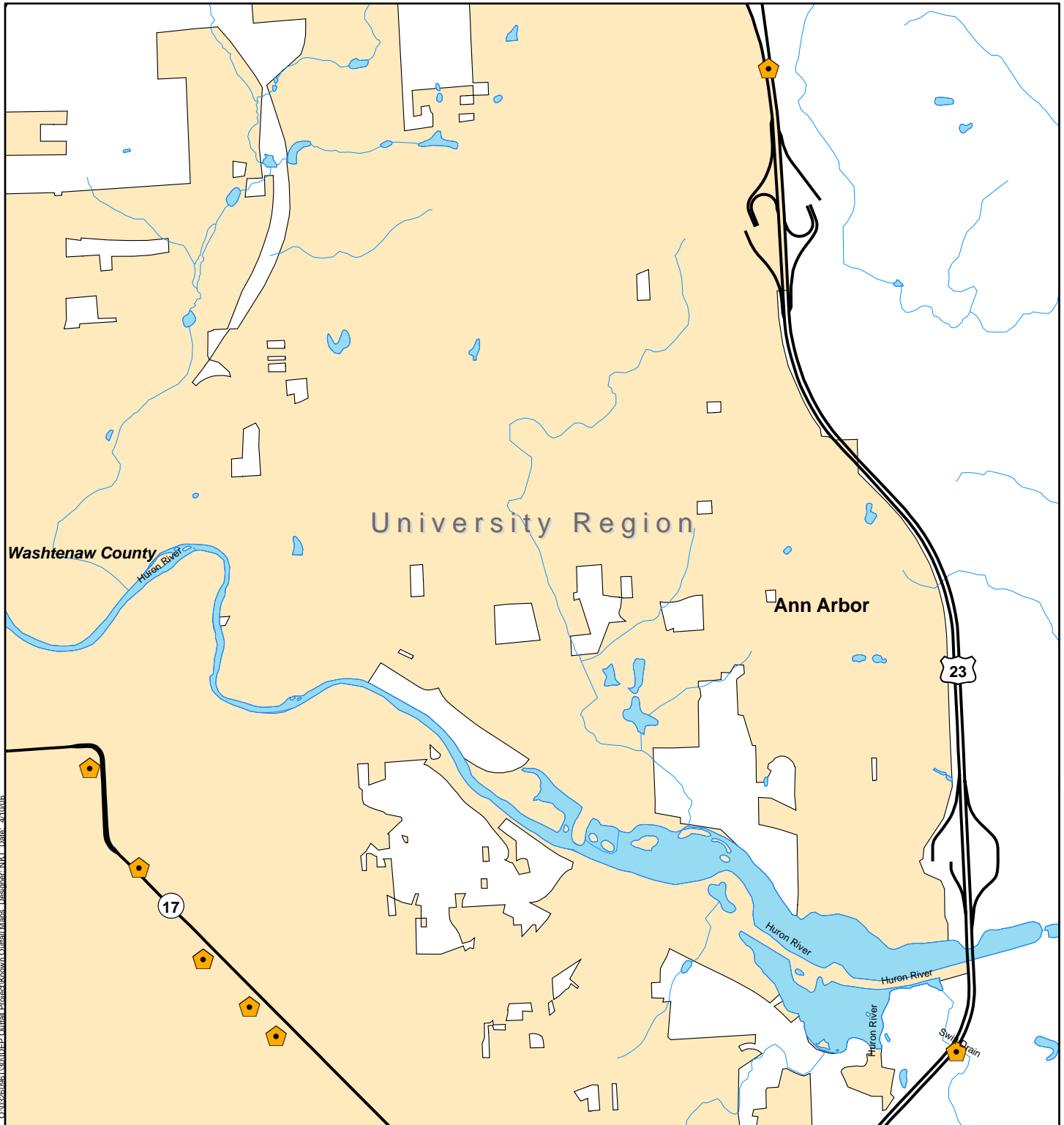
University Region, Washtenaw County

Map 2

Note:
Estimated Outfalls are outfall locations estimated from design survey data.
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Legend

- Estimated Outfalls (design-survey)
- Investigated Outfalls
- Waterbodies
- MDOT Roads
- City
- County Lines
- MDOT Regions

MDOT Statewide Outfall Points

University Region, Washtenaw County

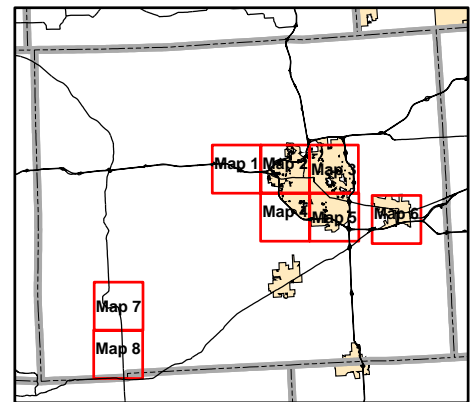
Map 3

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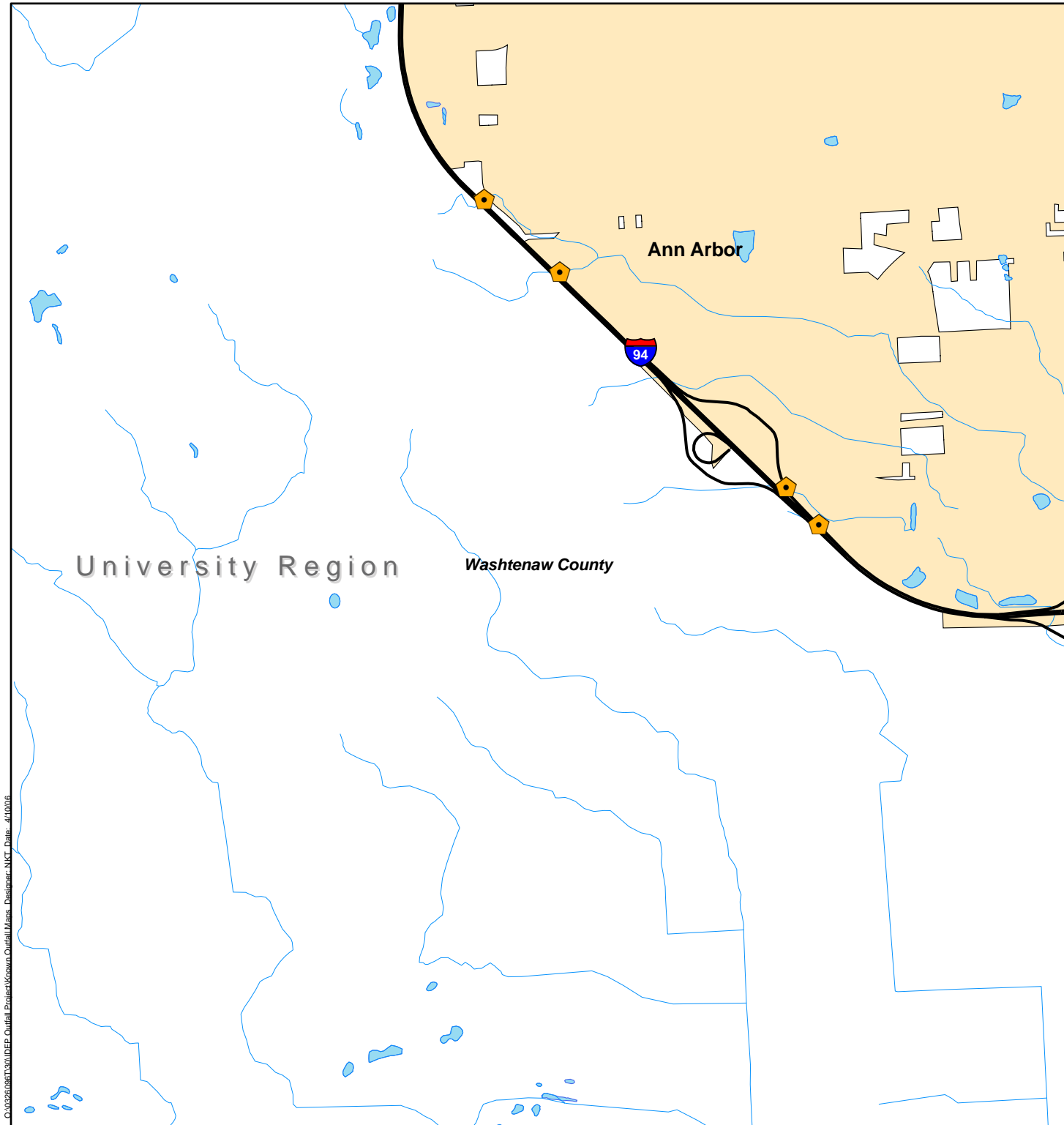
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0 0.15 0.3 0.6 Miles



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Legend

Estimated Outfalls (design-survey)

Investigated Outfalls

Waterbodies

MDOT Roads

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MDOT Regions

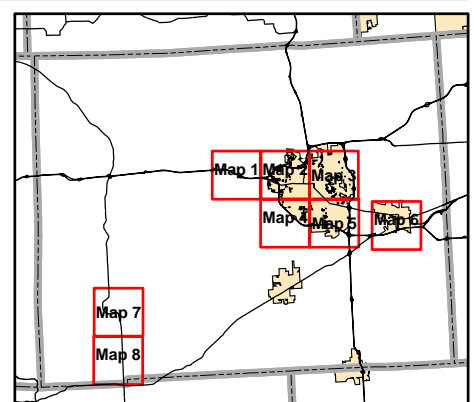
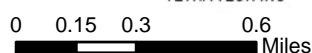
MDOT Statewide
Outfall Points

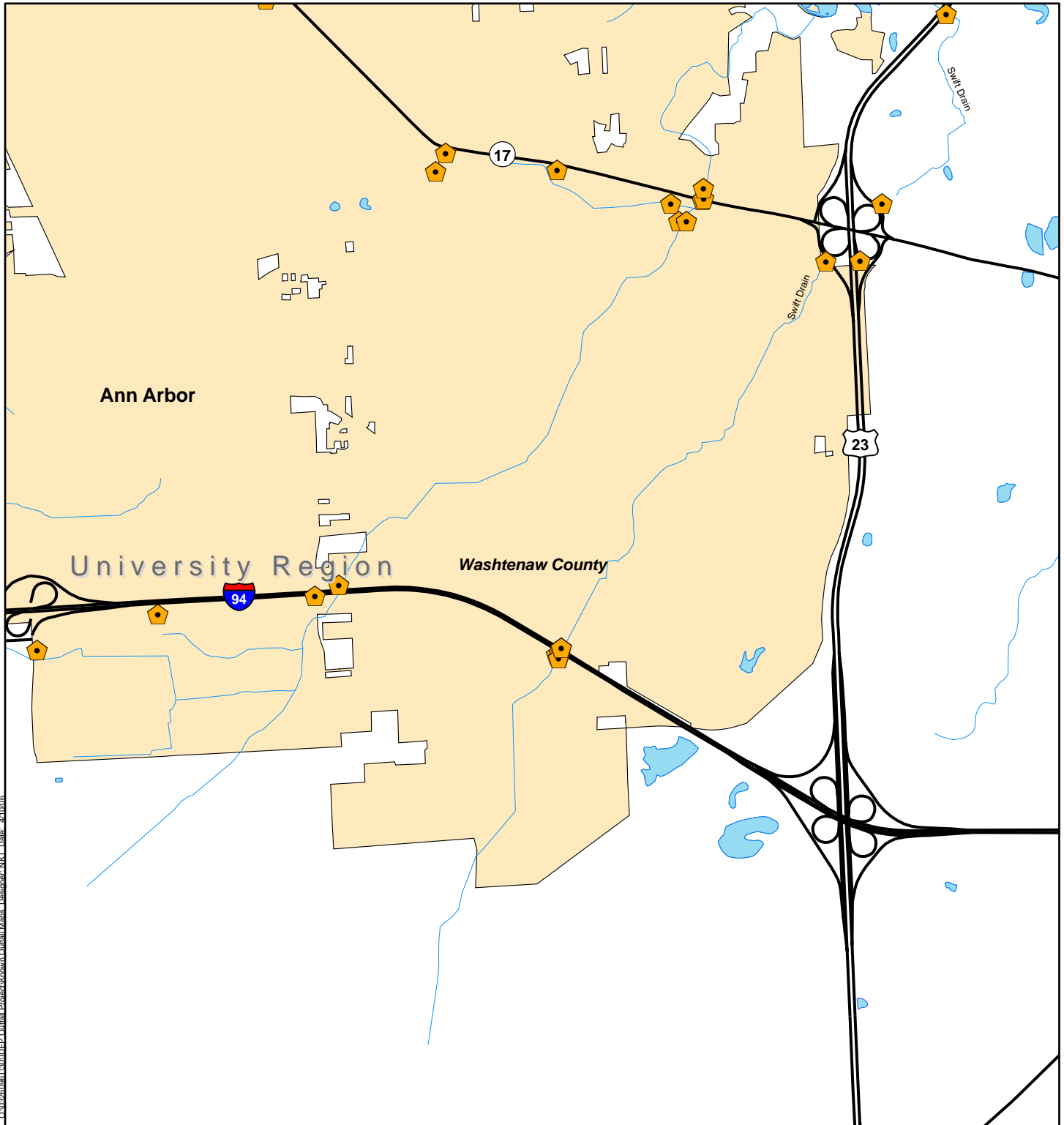
University Region, Washtenaw County

Map 4



Note:
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Legend

- ★ Estimated Outfalls (design-survey)
- ⬠ Investigated Outfalls
- ~~~~~ Waterbodies
- MDOT Roads
- City
- County Lines
- MDOT Regions



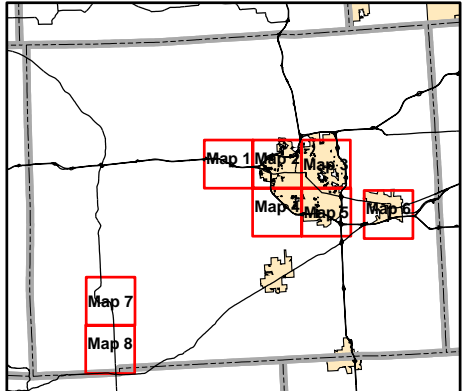
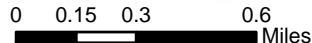
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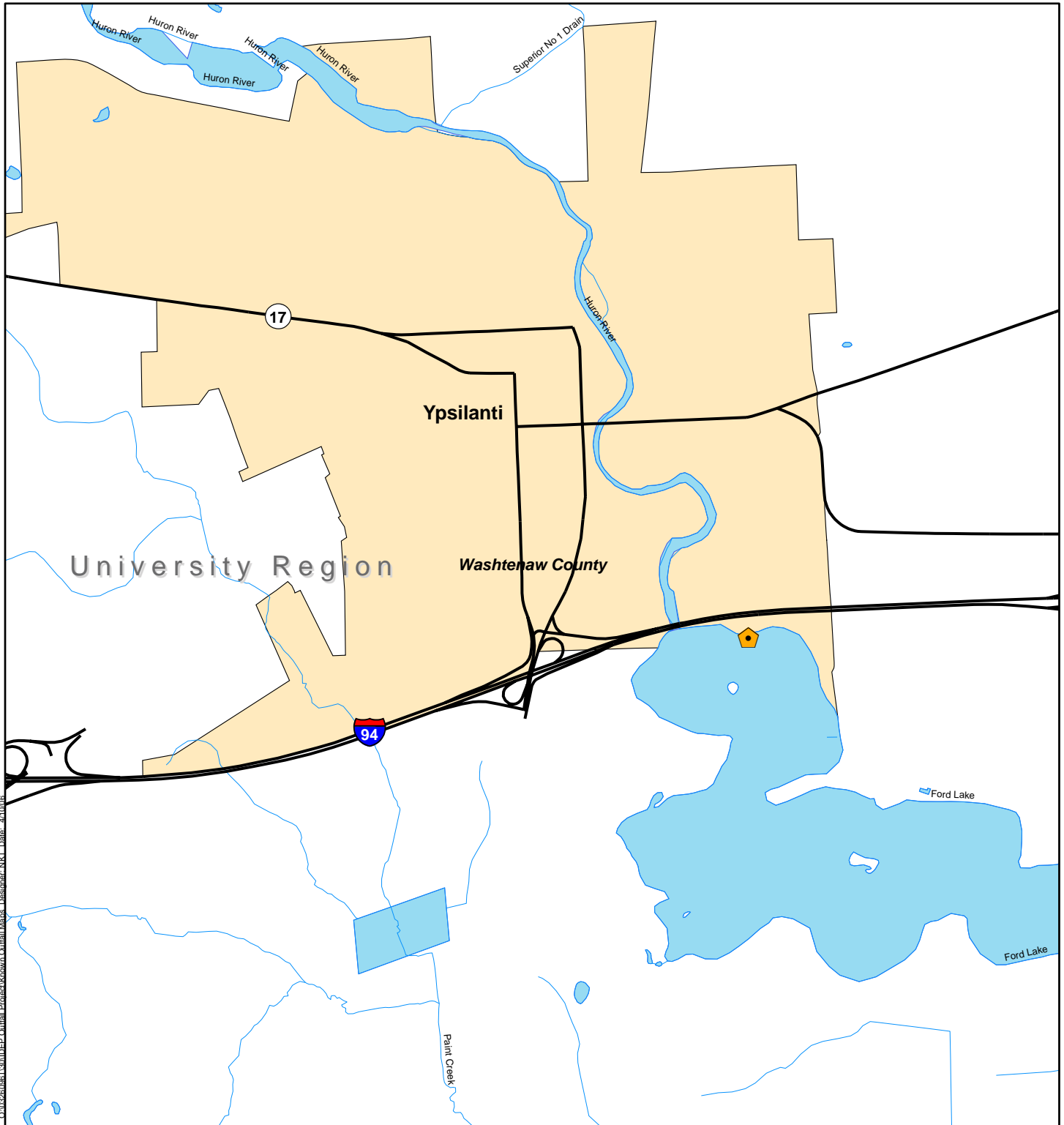
MDOT Statewide Outfall Points

University Region, Washtenaw County
Map 5



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Legend

Estimated Outfalls (design-survey)
 Investigated Outfalls
 Waterbodies
 MDOT Roads
 City
 County Lines
 MDOT Regions

MDOT Statewide Outfall Points

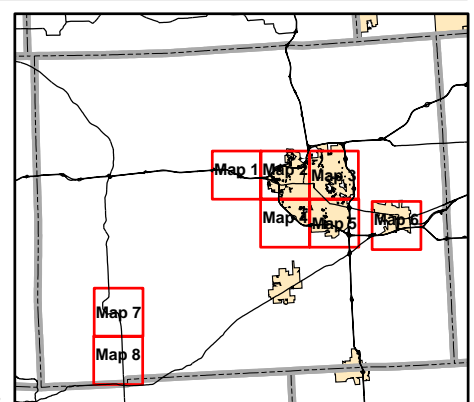
University Region, Washtenaw County

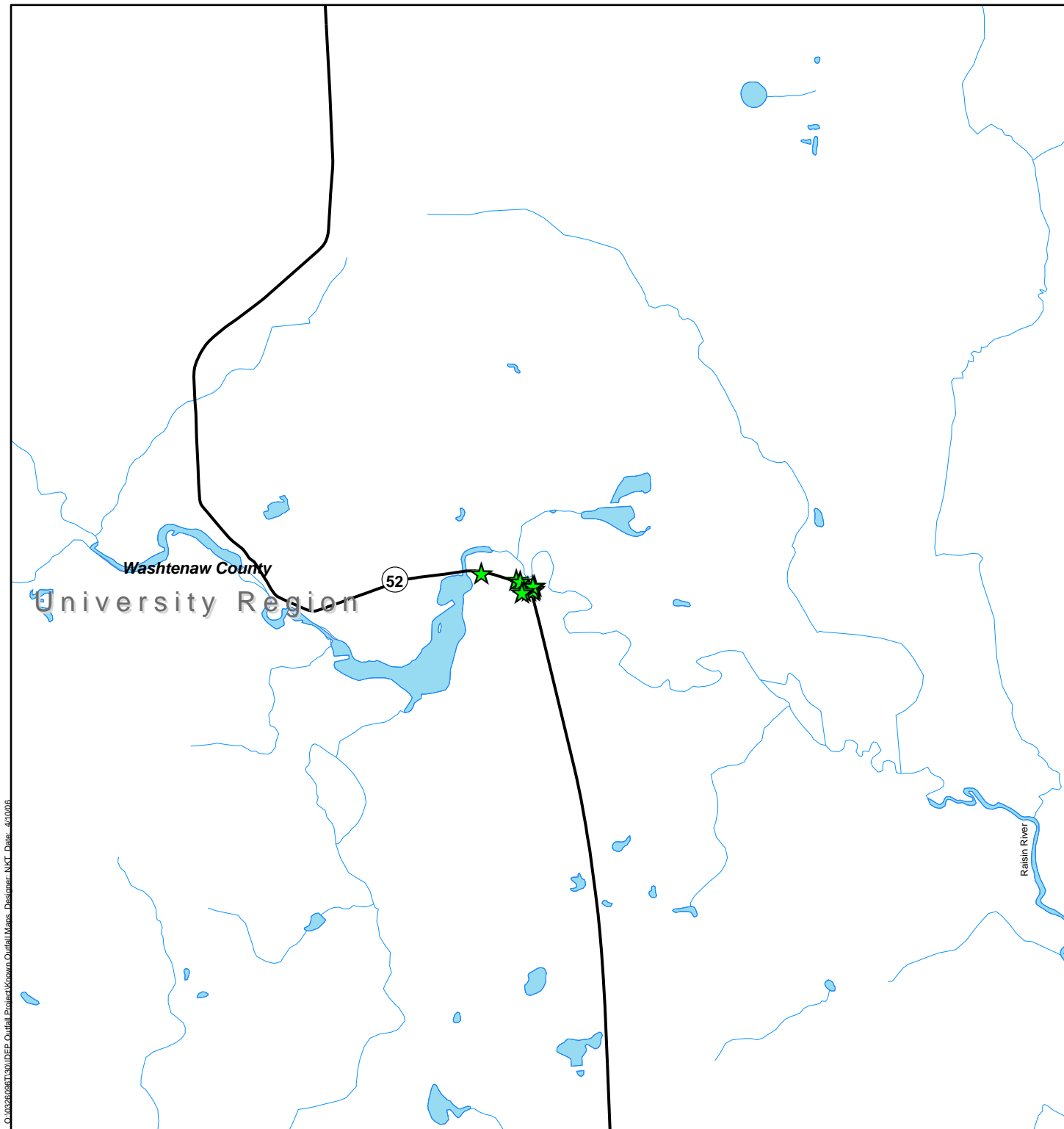
Map 6

Note:
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Investigated Outfalls are outfalls located by field investigation.

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

0 0.15 0.3 0.6 Miles





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Legend

-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Waterbodies
-  MDOT Roads
-  City
-  County Lines
-  MDOT Regions

MDOT Statewide Outfall Points

University Region, Washtenaw County
Map 7

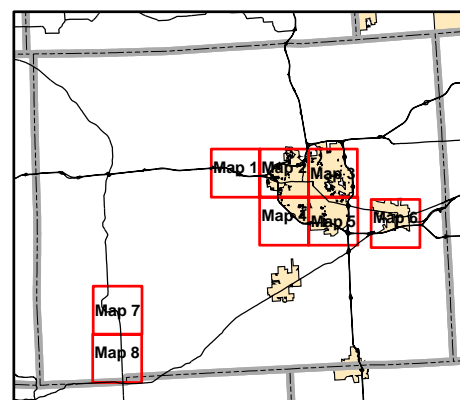


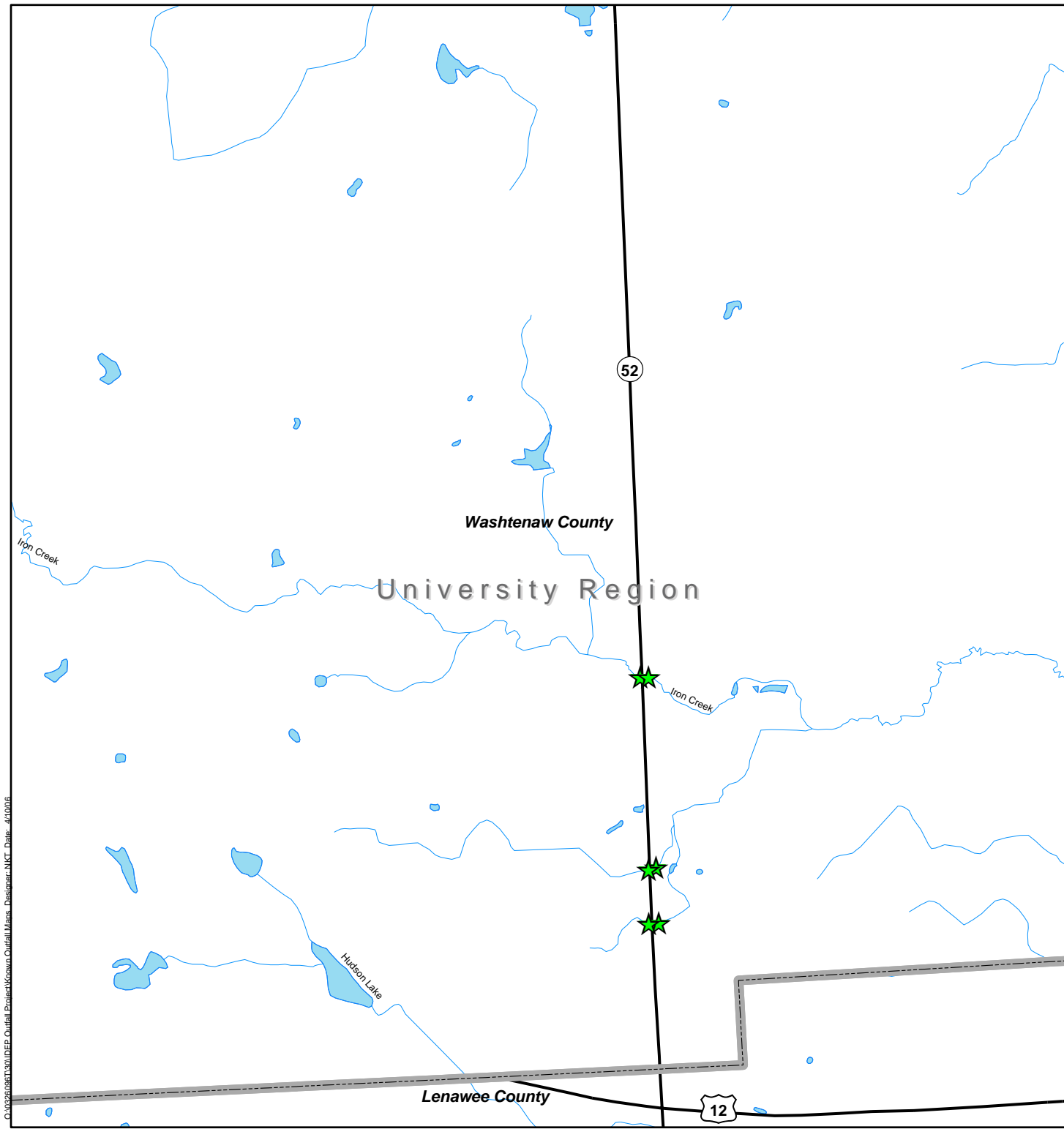
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


TETRA TECH INC

0 0.15 0.3 0.6
Miles





Legend

-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Waterbodies
-  MDOT Roads
-  City
-  County Lines
-  MDOT Regions



Note:
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0 0.15 0.3 0.6
 Miles

MDOT Statewide Outfall Points

University Region, Washtenaw County
Map 8

